LEAN SIX SIGMA

HEALTHCARE YELLOW BELT

Online Training and Certification

TRAINING PROGRAM

Upon enrolling you will have access to:

- Full Course.
- Audio presentations.
- Case studies.
- Templates.
- Quizzes.
- Certification Exam.

COMPLETION TIME

On average, people finish the program within 1-3 weeks if they can spend 1-3 hours a day, 5 days a week on the program.

WHAT WILL YOU LEARN?

- How to understand organizational processes from a system's perspective.
- How to use the most important tools for analyzing processes.
- The most important step to take after a process has been improved.
- How to determine process quality.
- The steps to prevent process failures.
- How to develop a comprehensive control and response plan.

CERTIFICATION DETAILS

Healthcare Yellow Belt Certification Exam (Included in Purchase)
Exam: 100 multiple choice & true/false questions.
Passing Score: 70%.
Retakes: Unlimited retakes at no additional fee.
How to Take Exam: Online, at your own convenience.
Time Limit: 2-hours.
Re-Certification/Renewal: Not needed, certification has lifetime value.

AS A CERTIFIED YELLOW BELT PROFESSIONAL, YOU WILL BE QUALIFIED TO WORK AS A TEAM MEMBER OF SIX SIGMA PROJECTS

SSGI AND BALDRIGE FOUNDATION PARTNERSHIP

Six Sigma Global Institute (SSGI) has formed a co-branded partnership with the Baldrige Foundation to offer a variety of online Lean Six Sigma training and certification programs. With this rare opportunity, professionals have the chance to learn how to deliver high-quality efficient services and products while simultaneously earning a globally recognized Lean Six Sigma certification. All training has been aligned to the Baldrige foundation excellence program.

CEU'S FOR PMI® AND SHRM®

SSGI has been awarded the title of Global Registered Education Provider (R.E.P.) by the Project Management Institute (PMI). You will be able to earn pre-approved PDUs with all programs. SSGI is also a Society for Human Resource Management (SHRM) Recertification provider, approved to offer PDCs.

Course Instructor

Dr. Barry Shore, PhD

Professor of Business at Peter T. Paul Business School, University of New Hampshire

With over 40 years' experience in industry and teaching, Professor Shore has earned a reputation as one of the leading authorities in Six Sigma and Project Management. His pioneering work in Project Management dates back to General Electric and later Hewlett Packard.

Dr. Shore has written over 100 peer reviewed papers published in leading scholarly journals, four books published by McGraw Hill book Company and Holt, Rinehart and Winston, and hundreds of articles in trade publications. McGraw Hill honored him as a prize winning author for his book on operations management

He has consulted at many of the top organizations throughout the world including Westinghouse, Chase Manhattan Bank, Timberland, United States Navy, Deutsche Telecom (Germany) and Doosan Heavy Industries (South Korea).

COURSE CURRICULUM

Introduction
Introduction

1. Healthcare: Efficiency and Quality
Five Major Topics in Lean Six Sigma
Healthcare: Efficiency and Quality
Quiz

2. Basics of Lean Six Sigma
Basics of Lean Six Sigma
Quiz
Template: Business Case

3. DMAIC
Lean Six Sigma Cycle: DMAIC
Quiz
Template: DMAIC Project Guide

4. SIPOC Diagrams
SIPOC Diagrams
Quiz

5. Value Stream and Process Mapping
Value Stream and Process Mapping
Quiz
Template: Value Stream Map

6. Seven Wastes
Seven Wastes
Quiz
Template: Seven Wastes

7. Five Ss
Five Ss
Quiz
Template: Five Ss

8. Akron
Children's Hospital
Akron
Children's Hospital
Quiz

9. Managing Process Mean and Variation
Managing Process Mean and Variation
Quiz

10 Multi-Vari Analysis
10 Multi-Vari Analysis
Quiz
Template: Multi-Vari

11. X-Y Matrix
X-Y Matrix
Quiz

12. Control Charts
Control Charts
Quiz
Template: Control Chart

13. Measuring Variation
Measuring Variation
Quiz

14. Normal Distribution
Normal Distribution
Quiz

15. Concept of a Six Sigma Process
Concept of a Six Sigma Process
Quiz
Template: DPMO

16. Sampling
Sampling
Quiz

17. Process Control
Process Control
Quiz

18. Failure Mode and Effects Analysis
18 Failure Mode and Effects Analysis
Quiz

COURSE CURRICULUM

19. Poka-Yoke
Poka-Yoke
Quiz

20. Process Capability and Stability
Process Capability and Stability
Quiz

21. Control and Response Plans
Control and Response Plans
Quiz

22. Dartmouth-Hitchcock Hospital
Dartmouth-Hitchcock Hospital
Quiz

23. Summary
Summary

24. The Lean Six Sigma Ladder
The Lean Six Sigma Ladder