



Lean Six Sigma Description

Excursions for
Sustainability through Certification
Commercial Prospectus



“We Simplified Our Universe...
So That You Could Improve Yours”



THE
BREAKTHRU
INSTITUTE

A division of CMA Enterprise
Incorporated

What is Lean Six Sigma?



Lean Six Sigma is a performance improvement methodology that combines Lean's focus on efficiency with Six Sigma's focus on quality. It uses data-driven tools and the DMAIC framework to streamline processes, reduce waste, and increase customer value across industries.

[Lean Six Sigma](#) serves as a hybrid approach that combines the best of Six Sigma (quality and consistency) with the best of Lean (efficiency) to help organizations deliver customer value through efficient operations and quality standards, which results in creating higher quality products and services.

Because its approach tackles both issues, quality and efficiency, Lean Six Sigma has become the most popular methodology across all industries for streamlining processes, reducing waste, enhancing quality, and ultimately delivering increased customer value. From healthcare and non-profits to government agencies and higher education, Lean Six Sigma can be applied to almost any industry and any job function.

Lean Six Sigma is highly valued by employers for its ability to improve efficiency and reduce costs. Certified professionals often gain access to better career opportunities, promotions, and higher salaries.

Lean six sigma not only helps individuals stand out with a recognized certification the leads to higher pay and increased leadership opportunities, it also deliveries numerous benefits to the organization in the form of:

Increase Profits

Decrease Costs

Improve Efficiency & Quality

Improve Customer Satisfaction

Enhance Employee Development

What is Lean?

Lean is a methodology focused on eliminating waste, optimizing processes, and delivering more value with fewer resources. It emphasizes speed, flow, and customer value.

KEY PRINCIPALS OF SIX SIGMA:

- Customer Focus
- Data-Driven Decision Making
- Process Focus
- Proactive Management
- Collaboration and Teamwork

Lean is concerned with **efficiency**. It focuses on how operational processes are designed and managed to minimize inefficiencies that can be attributed to the following:

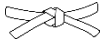
- Delays
- Errors
- Waste

THE BASICS OF LEAN

- Value:** Identify what the customer values and ensure that the organization's activities are aligned to deliver that value.
- Value Stream:** Map out the entire value stream for a product or service, highlighting every step involved from the beginning to the end.
- Flow:** Optimize the flow of work by removing bottlenecks, minimizing delays, and ensuring a smooth and continuous process.
- Pull:** Implement a pull system, where work is pulled based on actual demand rather than being pushed through the system based on forecasts.
- Perfection:** Strive for continuous improvement and perfection by eliminating waste, improving processes, and fostering a culture of problem-solving.

Lean principles have been widely adopted beyond manufacturing and are applied in various industries, including healthcare, services, and software development, among others. The goal of Lean is to create more value for customers with fewer resources and less waste, leading to increased efficiency, improved quality, and higher customer satisfaction.

CMA/TBI Lean Six Sigma Training Universe



White Belt: Assists with process mapping (8 hours)
HRCI Continuing Ed Credits: 8 Credits



Yellow Belt: Front line Team Members
handle The data collection (16-20 hours)
HRCI Continuing Ed Credits: 13.75



Green Belt: *Recommend Yellow Belt Certification but not a requirement*
Lead Teams, focus on analysis (64 hours) HRCI Continuing
Ed Credits: 54.5 Credits



Black Belt: *Must be a Certified Green Belt Practitioner*
Solutionists, Lead Teams, Train and Coach green and
Yellow Belts (80 hours) HRCI Continuing Ed Credits: 92.35 Credits



Master Black Belt: *Must be a Certified Black Belt Practitioner*
Oversees Project teams and associated Team dynamics, functions as Coach
to other levels (100-120 hours)



Other Certificate Training



Champions take responsibility for Six Sigma implementation across the organization in an integrated manner. (Organization Leadership) – (16 hours)
HRCI Continuing Ed Credits: 13 Credits



Lean Business Leader/Entrepreneur: For the Business Leader who must be able to speak the language of their corporate and government clients in order to close the deal. (3.5 days)
HRCI Continuing Ed Credits: 28 Credits



Lean Practitioner (Kaizens): Run your own projects with the tools that will assist you in mobilizing project teams, project management, handoff and monitoring for sustainable integration (A3 Kaizens – 23.5 Credits; 8D Kaizens – 31.5 Credits)



Lock-step Program: For the Company who is on an accelerated timeline to transform your culture, this is for you. In **6-8 months**, our candidates will **go from yellow to black belt**. If you seek your **master black belt designation**, it is **12-15 months**. See above HRCI Credit reference.



TPS – A Lean Approach: This training focuses specifically on the principles and tools used in this universe of “Lean Manufacturing” as created by Mr. Toyota and Mr. Ohno. This Lean Course, while originating in the manufacturing climate is not just for professionals in that industry. The tools and critical thinking can translate across industry lines. (3.5 days)



Lean Project Management: The training will introduce all of the key elements of Project Management in accordance to the body of knowledge with emphasis on the core methods and analytical tools that are important to sustainable and successful project management (PM) with a “taste” of Lean Six Sigma.
HRCI Continuing Ed Credits: 6.75 Credits



Outcomes – Driven Contracting Supply Chain Management and Acquisition Designed to assist the Organization’s Leadership and Front Line (general workforce) in guiding their respective teams and sometimes the customers on how to maximize their acquisition experience. Attendees will be exposed to the key fundamentals of serving the most important person to your company... THE CUSTOMER, however that is defined.



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