



LEAN SIX SIGMA ONLINE CERTIFICATES

Lean Six Sigma techniques have helped organizations across a wide range of industries operate more efficiently, reduce waste, improve process flow and increase customer satisfaction. Lean practitioners improve operational performance by aligning strategies and tactics to eliminate and prevent defects in processes, products, and services.



About Emory Lean Six Sigma certificates:

You will learn how to determine customer needs and requirements, eliminate the eight types of waste, and apply Lean Six Sigma principles to any business or industry, including how to:

Define value

Manage stakeholders

Map the value stream

Generate creative solutions

Gather and graph critical data

Implement the visual workplace

Drive overall equipment efficiency

Lead process improvement teams

Who should register?

Individual project contributors, high level leaders, project champions, managers, and executives can benefit by using Lean Six Sigma to assist in directing and planning strategic initiatives.

Skills learned include:

Process efficiency optimization

Waste reduction

Cost management

Quality control

Workflow optimization

The Lean Six Sigma methodology is useful in a variety of industries, such as manufacturing, technology, government and healthcare, and careers in any work area or function, from frontline staff to the executive suite.



LEAN SIX SIGMA CERTIFICATES



Yellow Belt Certificate

Explore the foundational elements of Lean and Six Sigma methodology

and gain an understanding that can help you interact with Lean Six Sigma teams throughout your organization. You will learn fundamental terminology and concepts, examine common Lean and Six Sigma tools that improve quality and eliminate waste, and learn how the two methodologies intersect to help businesses increase their competitive advantage.

4 weeks, 100% online

Self-paced format



Green Belt Certificate

With a Green Belt Certificate, you will have the Lean Six Sigma

knowledge and skills to help make processes, products, and services faster and more efficient. Learn the fundamentals and principles necessary to effectively apply the DMAIC (Define, Measure, Analyze, Improve and Control) cycle to most projects. This customer-focused, highly disciplined problem-solving approach relies on successful data analysis, solutions-based tactics, and the ability to maintain long-term positive process improvement advancements. We also offer a **Green Belt for Healthcare Certificate** that is tailored to helping make healthcare operations safer, more reliable, and less error prone.

6-10 weeks, 100% online (varies by certificate)

6-7 live virtual classroom sessions

~10 hours of work per week



Black Belt Certificate

For students who have completed a Lean Six Sigma Green Belt

certificate, the Black Belt Certificate teaches real-world applications, data-driven analysis, and the latest techniques. Learn how to address company-wide process improvement needs, solve difficult problems, and coach project teams. Practice the primary data analysis techniques required of Black Belts aligned with the DMAIC methodology, and learn non-statistical change management concepts and basic financial metrics required in successful end-to-end black belt improvement projects.

8 week course

6-12 months self-paced course work



Lean Continuous Certificate

Enhance your knowledge of Lean in just six weeks, executing

highly effective Kaizen events, identifying and eliminating any waste you encounter, and improving flow. You'll strive for zero defects and zero waste in every process and every action. You will learn how to define value, facilitate continual improvement teams, manage stakeholders, map the value stream, generate creative solutions, gather and graph critical data, implement the visual workplace, drive overall equipment efficiency, and more.

6 weeks, 100% online

Self-paced format

Learn More

Call (844) 701-6100

Email studentsuccess@emory.edu

Visit ece.emory.edu/areas-of-study/lean-six-sigma

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