BLACK BELT
LEAN SIX SIGMA CERTIFICATION

Personal Coaching

Our certification program includes guidance from an expert practitioner utilizing the Kata problem solving methodology. You will identify a champion who will participate in some of the coaching sessions.

Flexible

Candidates receive full access to the course content for 12 months, allowing them to set their own goals and pace. Certification is achieved by completing the coursework, a real-world project, an interactive **capstone simulation**, and a qualifying exam. The exam can be retaken as many times as needed at no additional cost, supporting your success every step of the way.

Accessible

Our videos feature expert practitioners and are designed to maximize learning efficiency, ranging from 5-15 minutes in length. Short interactive quizzes paired with supplemental resources allow for reinforced learning and immediate application of new principles.

Benefits for the Organization

- Enables higher customer satisfaction
- Save money by detecting root causes in the workplace with problem-solving
- Increased productivity
- Improved quality of products and services

Benefits for Individuals

- Applies to any industry
- Marketable-professional advancements
- Job retention
- Professional credibility
- Industry recognition

Champion (Sponsor)

A Champion is the person sponsoring a candidate through a certification program. Provides direction, secures resources, and removes organizational roadblocks to support the candidate's success and ensure a strong return on the organization's investment.

Supported by dedicated coaching that guides the candidate through training and project execution. Candidates are more likely to be successful with a Champion's involvement.

Syllabus Overview

- Define: Project Selection
- Measure: Critical Inputs, Value Stream Mapping, MSA
- Analyze: Inferential Statistics, ANOVA, Intro to Process Capability
- Improve: Kaizen Events, Intro to Design of Experiments
- Control: Control Plans, Statistical Process Control
- DMAIC Certification Project
- Regression
- Advanced SPC
- Design of Experiments (DOE)
- DOE Simulation
- Kata Coaching
- Capstone Simulation
- DMAIC Certification Project

	GREEN BELT	BLACK BELT	MASTER BLACK BELT
RESPONSIBILITY	Experienced to lead small LSS projects in a department	Leads YB/GBs, and has advanced knowledge in Lean Six Sigma methodology. Mentor and coach complex projects in multiple departments	Works with leaders to identify opportunities of improvement. Mentor and coach GB/BBs
PREREQUISITES	N/A	N/A	Black Belt Certified and 5 years of CI experience
ESTIMATED TIME TO COMPLETE	47 hours	55 hours	10-12 months
VIDEO LENGTH	31 hours	36 hours	22 hours

Authorized Training Partner 2026

Earn Professional Development Units (PDUs) for all Lean Six Sigma certifications through our partnership with the Project Management Institute (PMI).

Black Belt PDUs: 36 credits

Trusted by over 2,000 companies around the globe for their Lean and Six Sigma training needs.

Contact us for more details!
www.gembaacademy.com 1.888.439.8880