Define | **Measure** | **Analyze** | **Improve** | **Control**

Lean Six Sigma FAQs

What is Lean Six Sigma?

LEAN SIX SIGMA is a quality management methodology that focuses on the continual improvement of a process or its product over time. It does not "fix" a process with a single improvement, but looks to constantly make it better able to meet the customer's specifications consistently.

To do this, Lean Six Sigma uses concepts and tools from both the Six Sigma Quality Management Model and from Lean. Lean Six Sigma uses statistical tools and analysis to understand and identify the most significant improvements to be made in a process. Lean and Six Sigma both have the aspirational objectives of producing high value (quality) at lower costs (efficiency). They approach these objectives in somewhat different manners; therefore, it is important to understand that Lean Six Sigma is actually a discipline of Six Sigma that formally includes tools and concepts from Lean. It is not a Lean methodology in itself. Those students looking to learn the Lean/Kaizen approach to quality should look to a different course.

Lean Six Sigma approaches its goals for quality by continuously applying a rigid and systematic project-based methodology that follows a 5-phase structure best known as DMAIC: Define, Measure, Analyze, Improve and Control. Our courses introduce the students to the concepts, tools and deliverables commonly used within this methodology and provides them the opportunity to earn certifications in order to prove that knowledge.

What are the differences between our Yellow Belt, Green Belt and Black Belt classes and exam process?

OUR YELLOW BELT CERTIFICATION CLASS is delivered over 3 days. It is designed for subject matter experts, managers and executives who will participate in a Six Sigma project. This class will also be beneficial for team members, customers, or others involved who are not directing project activities, but still require an understanding of the Lean Six Sigma methodology. This class will equip them with the knowledge to be effective and active participants in the project. In order to gain certification, Yellow Belt candidates must pass 1 certification exam.

OUR GREEN BELT CERTIFICATION CLASS is delivered over 4 days. It introduces the students to the concepts, vocabulary and tools used in a Lean Six Sigma project. It does not focus on performing the statistical analysis, but instead focuses on how to interpret results. In order to gain certification, Green Belt candidates must pass 1 certification exam. Upon successful completion of the exam, certification credentials are provided by Lean Sigma Corporation.

OUR BLACK BELT CERTIFICATION CLASS is delivered over 5 days. It covers all the materials from Green Belt but with greater depth and focus on choosing the tools and performing the analysis. It also discusses how the Design of Experiments model can be used as a tool within a Lean Six Sigma project. The Green Belt course is a pre-requisite for attending the Black Belt training, as there would simply not be time to cover everything if the students have not already received an introduction to the concepts. In order to earn their Black Belt certifications, candidates must pass 1 certification exam. Upon passing their certification exam, the student will have earned their Black Belt certification. Candidates who earn the Black Belt credentials will be mailed a high quality, diploma-like certificate.

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