

Department of Industrial Engineering at UH

3 DAY LEAN SIX SIGMA TRAINING

Questions and Answers (Q & A)

In today's competitive landscape, the need to do more with less is a persistent challenge. Lean Six Sigma is the go-to strategy for improving operational efficiency, team productivity, and product quality. Being Six Sigma certified adds significant value in the multinational management market, driving higher demand for individuals with this qualification.

The summary of Information Session Q & A is as follows.

Q1: Is the Six Sigma Green Belt certification program accredited by any recognized certification body such as ASQ or IASSC?

Answer 1: No, the Six Sigma Green Belt certification program is not accredited by any external body, including ASQ or IASSC. Currently, there is no need for accreditation, and no organization is qualified and ready to provide accreditation for any Lean Six Sigma Certification program. However, it's important to note that ASQ (American Society for Quality) is a well-recognized society for Lean Six Sigma, and the quality of any Lean Six Sigma Certification Program is heavily dependent on real-world experienced and credited instructors. Additionally, an International Standard, ISO 18404, outlines Quantitative methods in process improvement — Six Sigma.

Our program is designed to provide valuable insights and practical skills under the guidance of experienced and well-qualified instructors. If you have any further questions or need additional information, please feel free to ask. We appreciate your interest and look forward to the possibility of your participation in our program.

Q2: Given that the course is a 3-day program, does the duration impact the depth of coverage for key Six Sigma concepts, tools, and methodologies? I am asking this as I am new to Lean concepts and have not undergone white and yellow belt training yet.

Answer 2: The 3-day Green Belt certification workshop is designed to provide a focused introduction to key Six Sigma concepts, tools, and methodologies. While the duration is limited, we have structured the program to cover basic tools with a strong emphasis on critical thinking, including lean thinking and robustness thinking, through hands-on workshop projects. The workshop does not have any prerequisite requirements, making it accessible to individuals who are new to Lean concepts and have not undergone white and yellow belt training. If you have any further questions or concerns, feel free to ask.

Q3: Does the certification program include a rigorous examination or assessment process to ensure participants have a solid understanding of Six Sigma principles?

Answer 3: The 3-day workshop is a project-driven program, emphasizing the practical application of both soft-skills and technical skills. While there is a final exam, it is not designed to be rigorous. The goal is to assess participants' understanding of Six Sigma principles in a comprehensive manner without creating an overly challenging examination process. Our focus is on facilitating a learning environment that enhances practical skills through handson projects. If you have any further questions or would like additional information, feel free to ask. We look forward to the possibility of your participation in the program.



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Q4: Are there any partnerships or affiliations with industry organizations?

Answer 4: Yes, our Lean Six Sigma Certificate Program supports and enables ASQ (American Society for Quality) Lean Six Sigma Green Belt (LSSGB), Certification and we use ASQ Lean Six Sigma Green Belt materials for reference. ASQ provides valuable information for LSSGB certification, and we encourage participants to consider taking the ASQ LSSGB certification as necessary.

Our program, offered by the Industrial Engineering at the University of Houston, is designed and customized for individuals seeking a Lean Six Sigma Green Belt credential. It aims to enhance process improvement skills and facilitate a transition into a new career or role. While our program is not directly affiliated with other industry organizations, the partnership with ASQ ensures a high-quality learning experience. If you have any further questions or need additional information, please feel free to ask. We appreciate your interest and look forward to the possibility of your participation in our program.

Q5: What kind of support or resources are provided to participants after completing the certification, especially in terms of applying Six Sigma principles in real-world scenarios? **Answer 5:** After completing the certification, participants will have access to ongoing support and resources. Our well-experienced Lean Six Sigma Master Belt, with a strong background in real-world problem solving and prevention, will share real-world case studies and simulated exercises during the 3-day workshop.

In addition to the workshop, participants will receive materials and references that can be used as resources in applying Six Sigma principles in real-world scenarios. We aim to provide continuous support through insights, guidance, and additional learning materials to help participants confidently apply their knowledge in practical settings. If you have any further questions or would like more details, please feel free to ask. We look forward to the possibility of your participation in the workshop.

Q6: Are there any supplementary materials, resources, or recommended readings provided to participants to enhance their understanding of Six Sigma?

Answer 6: ASQ Certified Lean Six Sigma Green Belt Exam Body of Knowledge (BOK) will be used for references. For more details, you can find it at the link: asq.org/cert.

Q7: How in-depth is the training?

Answer 7: The Lean Six Sigma Green Belt workshop, by definition, is a mid-level certification. It is not designed to make you an expert on all facets of the Lean Six Sigma. This professional development workshop was designed to teach someone with little knowledge of Six Sigma the basic skills needed to function as a Green Belt on a Six Sigma team member. Many executive jobs today require that their employees have at least a basic understanding of Six Sigma.



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Q8: What will I receive after I complete my project and pass my LSSGB exam? **Answer 8:** You will receive a certificate immediately upon completing a workshop project and passing the exam.