Level 3: LSSGB

A Lean Six Sigma Green Belt is an intermediate level certification that provides a comprehensive understanding of the Lean Six Sigma methodology and tools. Here are the knowledge elements that are required for a Lean Six Sigma Green Belt:

1. Advanced statistical analysis: Green Belt holders should have a thorough understanding of statistical analysis, including advanced statistical tools such as hypothesis testing.
2. Mastery of DMAIC methodology: Green Belt holders should have a deep mastery of the DMAIC methodology and be able to lead DMAIC projects from start to finish.
3. Advanced process mapping and analysis: Green Belt holders should have an advanced understanding of process mapping and analysis, including value stream mapping, process flow analysis, and root cause analysis.
4. Ability to manage project teams: Green Belt holders should be able to effectively manage project teams and delegate tasks, as well as provide support to team members.
5. Knowledge of Lean principles: Green Belt holders should have an advanced understanding of Lean principles and techniques, including 5S, visual management, and error-proofing.
6. Ability to manage change: Green Belt holders should be able to effectively manage change, including identifying resistance to change and developing strategies to overcome it.
7. Strong problem-solving skills: Green Belt holders should have strong problem-solving skills and be able to identify complex problems, analyze data, and develop effective solutions.
8. Strong communication skills: Green Belt holders should have strong communication skills and be able to effectively communicate with team members, stakeholders, and customers.
9. Business acumen: Green Belt holders should understand business operations and financial management, as well as the ability to align process improvement initiatives with organizational goals.

A Lean Six Sigma Green Belt holder should have a deep understanding of the Lean Six Sigma methodology and tools, as well as advanced statistical analysis, process mapping and analysis, and change management techniques. They should be able to lead DMAIC projects from start to finish,

manage project teams and communicate effectively with stakeholders. They should also have a strong business acumen and be able to align process improvement initiatives with organizational goals.

Unless otherwise requested, this course is taught with the Value Added 616 body of knowledge that follows the gold standard of WikiBoK.

**Value Added 616 is an approved Training Partner of IASSC through PeopleCert. Upon request we can train you using IASSC curriculum so that you can sit for their exam.*