

Six Sigma + Lean Green Belt Training

Class Description

- ❖ This 36 – 40-hour class teaches Six Sigma Green Belt candidates what they need to know to successfully contribute as a Six Sigma + Lean (SS+L) practitioner, based on various BOKs.
- ❖ Six Sigma Green Belt + Lean training includes comprehensive, interactive instruction, class activities, periodic knowledge examinations, and a comprehensive Six Sigma Green Belt + Lean final examination that leads to recognition of achievement to successful candidates.
- ❖ Hands-on activities, examples, and group discussions provide participants opportunities to acquire and strengthen foundations, insight, principles, and practices of SS+L, and apply this knowledge to making and sustaining improvements to organizational performance.
- ❖ Students learn how to identify improvement opportunities, establish and conduct SS+L projects, and discover and eliminate the root cause(s) of chronic and unique problems that have and effect on performance.
- ❖ Participants learn the unique language and mathematics of Six Sigma + Lean using the DMAIC quality improvement model.
- ❖ This class is a prerequisite for progressing to Six Sigma Black Belt training.

Topics included in this Class

- Six Sigma + Lean (SS+L) Overview with concepts and principles
- The Cornerstones, Language, and Principles of Six Sigma +Lean
- The Customers in Six Sigma + Lean
- Defects, variation, waste and velocity in SS+L organizations
- Models, Techniques, and Tools of a Six Sigma + Lean QMS
- Process Dynamics, Flow, Mapping, Measurement, and Improvement
- Identifying and Quantifying Defects, Waste, and Unnecessary Variation in the Organization
- Using Data and Analysis to Build a Foundation for Immediate and Sustained Improvement
- The Infrastructure for Effective Implementation of Six Sigma + Lean
- Integrating, Sustaining and Continuing Improvements throughout the Six Sigma + Lean Practicing Quality Organization

Note: Changes may be made in content, schedules, delivery technique, reference material, room location, price, and/or any other component of this training without notice at any time. This is necessary to continually improve the training to take into account current and emerging concepts, practices and thinking.