



Lean Six Sigma Green Belt

Designed exclusively for future Six Sigma project team leaders and members this ten-day workshop will give participants the knowledge and skills needed to develop and implement projects that create significant and measurable impacts for your business.

Course topics include over 30 learning modules connecting Lean and the Six Sigma DMAIC Process. Participants will also receive hands-on practice using either the Minitab or SigmaXL statistical program*.

What is Lean Six Sigma?

Lean Manufacturing targets process waste reduction and drives continuous improvement. However, lean by itself excludes the advanced statistical tools required to reduce process *variation* which contributes to waste and defects.

Six Sigma reduces process variation and eliminates defects. However, Six Sigma by itself does not address how to *optimize* process flow.

Lean Six Sigma (LSS) combines Lean and Six Sigma methodologies. While each approach can result in dramatic improvements, utilizing both methods simultaneously enables the organization to address all types of process problems with the most appropriate set of skills and tools.

What Does a LSS Green Belt Do?

- Collaborates with champion/process owner to develop project business case;
- Serves as Project Manager driving progress through the DMAIC process;
- Manages by facts and data;
- Promotes Lean Six Sigma within your organization; and
- Takes responsibility for project success and achieving measurable impact.

* Each participant is required to have full license access to either the Minitab or SigmaXL statistical program. While SigmaXL is a lower investment, Minitab is recommended for participants that intend to progress to Black Belt Certification. The cost of the statistical package is not covered by the course fee.



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Company Advantages

- Root cause solutions that eliminate defects and improve quality;
 - Shorter cycle times that lead to shorter lead times, eliminate expediting costs, and provide greater production capacity;
 - Identification and resolution of critical operational flaws;
 - Data driven process optimization.
- ✓ Participants must attend a minimum of nine training days to receive certificate of training completion.
 - ✓ Participants must pass a written exam with a score of 80% and complete a project with potential minimum savings of \$25,000 to receive LSS Green Belt Certification (an immediate return on investment).

Registration Details

Training will begin on Friday July 29th and run every Friday for a ten week period.

Dates: 7/29, 8/5, 8/12, 8/19, 8/26, 9/2, 9/9, 9/16, 9/23, 9/30

Time: 8:30 am to 4:30 pm EDT

Location: UTC Center for Professional Education, MAPP 108A, MAPP Building

Price: \$2950/participant

Register here: <https://bit.ly/3M3ph7n>

Meet the Instructor

Greg Ford is currently a quality management systems, lean, and Six Sigma consultant with UT's Center for Industrial Services. Prior to joining UT CIS, he enjoyed forty years of industry experience in a variety of quality management roles. Greg holds a Certified Lean Six Sigma Master Black Belt, and is recognized by the American Society for Quality as both a Certified Quality Engineer and Certified Quality Auditor. Greg has trained over 300 LSSGBs and coached hundreds of LSSGB projects. Greg is an ISO 9001 Lead Auditor.



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