



# Lean Six Sigma Training Programs

## Online Green Belt Training

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Green Belt trainings include the methodology needed to carry out a Lean Six Sigma project, to make decisions and solve problems, all basic process analysis and improvement methods, and statistical tools.

Online Green Belt training is a 100-hour virtual training program that corresponds to a 12-day Green Belt in-class training.

58 hours virtual /live classroom

26 hours of video training

4 hours gamification questions

8 hours of project coaching

4 hours of final exam in the classroom

Green Belts carry out projects that will provide real and financial returns during their training and their success can be evaluated in monetary terms. Between each week of trainings, progress of the projects will be reviewed by MATRIS MBB's and coaching feedback report is shared with the executives via internet communication channels and shares.

Candidates who can demonstrate required skills during in-class practices, at intermediate exams, at the end of each training module, at the final exam after the training and who can successfully complete the LSS project deserves the "Successful Green Belt Certificate".

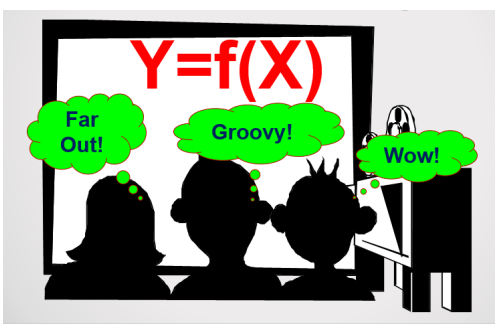
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**Who Can Participate:** Employees who are experienced, respected, have leadership qualities, are dynamic and have been assigned a real project by their organization.

**Required Hardware:** Laptop

**Required Software:** Microsoft Office applications and Minitab 21

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*"Statistical thinking will one day be as necessary for efficient citizenship as the ability to read and write"*

*H. G. Wells*

- Central Limit Theorem and Confidence Intervals
- Introduction to Hypothesis Testing



### 10<sup>th</sup> Training Module:

- Means Tests
- Variance Tests

### 11<sup>th</sup> Training Module:

- Proportion Tests
- Sample Sizes for Hypothesis Tests

### 12<sup>th</sup> Training Module:

- Regression and Correlation

### 13<sup>th</sup> Training Module:

- One-way ANOVA
- DOE—Introduction to Design of Experiments
- Generating Solutions

### 14<sup>th</sup> Training Module:

- Statistical Process Control
  - \* SPC for Continuous Data
  - \* SPC for Attribute Data
- Control Plans & FMEA

### 15<sup>th</sup> Training Module:

- Project Presentations
- Q&A and Closure

