

TRADOC LEAN SIX SIGMA GREEN BELT TRAINING (Self-Paced Option)



Lean Six Sigma Green Belt (LSS-GB) training provides an understanding of Lean principles and tools, and project management fundamentals. The training focuses on the elimination of waste using proven techniques. This training is a critical step towards the Army's implementation of Continuous Process Improvement (CPI) and the success of Army business transformation. With LSS proven techniques, Army personnel have the skills to increase effectiveness and efficiency, save time and money, and improve our nation's ready forces.

To obtain the **Army Lean Six Sigma Green Belt Certification** and earn the accompanying ASI, you must complete all required **lessons**, pass the Army green belt **exam**, and successfully execute an improvement **project** in your functional area. If you would like to participate in the self-paced certification option, you must:

- Establish your Army Skillport account
- Contact Mr. Rod Norris, TRADOC Master Black Belt
roderick.t.norris.civ@army.mil
- Attend a virtual 30-minute pre-course in-brief
- Complete all lessons within 6-weeks of in-brief (weekly check-in with TRADOC POC required)
- Attend a 90-minute exam review session
- Pass the Army Green Belt exam
- Lead a successful improvement project within 6-months of passing the exam

A Lean Six Sigma project is focused on reducing defects in an existing process and/or streamlining the process so it performs faster and more efficiently. When identifying a project keep the following criteria in mind:

- Identify a problem whose solution is not known
- Ensure that data is available or can be collected
- Be able to map the process that needs to be fixed
- Have authority to implement a change to the process

For a project to be accepted for certification, a process change has to be implemented.

You must complete the following lessons prior to sitting for the Army Green Belt exam

1. Six Sigma and Lean: Foundations & Principles
2. Six Sigma: Identifying Projects
3. Six Sigma: Team Basics, Roles and Responsibilities
4. Six Sigma: Project Management Basics
5. Six Sigma: Voice of the Customer
6. Six Sigma: Process Documentation and Analysis
7. Basic Six Sigma Statistics
8. Value of Lead Time
9. Six Sigma: Classifying and Collecting Data
10. Lean Principles in Six Sigma Projects
11. Six Sigma: Cycle Time Reduction and Kaizen Blitz
12. Six Sigma: Measurement System Analysis
13. Six Sigma: Quality Tools
14. Six Sigma: Process and Performance Capability Measurement
15. Data Analysis and Root Cause Analysis in Six Sigma
16. Six Sigma: Correlation, Regression & Hypothesis Testing
17. Lean Tools and FMEA
18. Six Sigma: Performance Metrics
19. Using Lean to Perfect Organizational Processes
20. Using Lean to Improve Flow and Pull
21. Using Lean to Reduce Waste and Streamline Value Flow
22. Control Charts
23. Six Sigma: Control Tools and Documentation



GENERAL INFORMATION:

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TO ENROLL IN THE CERTIFICATION PROGRAM

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