

GREEN BELT COURSE

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.

- ▶ **Course 2: Cancelled (No Course this Quarter)**
- ▶ This course is taught in a seminar style over four days, whether it is offered virtually or as an in-person version, and there is a self-paced option as well
- ▶ Establish Army Percipio account prior to registration.

CONTACT INFORMATION:

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**OCKO TRADOC**

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TRADOC KM Public Site



TRADOC KM
 (KM Documentary on Vimeo)

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TRADOC OCKO Vision

The vision for TRADOC Knowledge Management is "a knowledge-enabled workforce that shares what it knows, continuously learns, and innovates."

TRADOC's KM program will:

- Get the right information, at the right time, to the right people.
- Make knowledge visible and accessible so TRADOC can work smarter and make better and faster decisions.
- Place knowledge where Soldiers/Civilians will 'stumble' over it.
- Create a KM structure that recruits, nurtures, and develops KM professionals at all levels of TRADOC.
- Use KM as a means, not an end.

TRADOC OCKO Mission

Lead, plan, and execute TRADOC organizational knowledge management (KM) program in order to

Work Smarter, Not Harder...

TRAINING AND DOCTRINE COMMAND (TRADOC)

**OFFICE OF THE CHIEF
KNOWLEDGE OFFICER (OCKO)**

MOBILIZING KNOWLEDGE ACROSS THE ARMY

2QFY23 LEAN 6 SIGMA



TRADOC LEAN SIX SIGMA GREEN BELT TRAINING

(Self-Paced Option)



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**
- ▶ 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 Percipio account
- ▶ Email Rod Norris, TRADOC Master Black Belt at: 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 fixing
- ▶ Have authority to implement a change to the process

For a project to be accepted for certification, a process change must 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