

Lean Six Sigma: Green Belt Certificate Program

Academic Plan as of spring 2025

Program Description:

Develop problem solving, process improvement, and facilitator skills when you study the foundations of Lean Six Sigma. This training prepares you to effectively implement solutions that result in lower costs, faster delivery, higher quality, and increased safety of operations. You can expect a project-based curriculum which leverages the use of simulations, case studies, and team dynamics for the most effective learning experience. You will learn and practice the skills necessary to map, analyze, and improve work processes, implement change management strategies, apply structured problem-solving methods, apply root cause analysis tools, and implement proven Lean Six Sigma countermeasures. A final team presentation and certification test are completed on the last day of class.

Program Learning Outcomes:

By the end of the Lean Six Sigma: Green Belt Certificate Program, students will be able to:

- Have increased ability to solve problems, improve processes and facilitate teams
- Guide teams through a structured problem-solving methodology
- Map, analyze and improve work process
- Facilitate process improvement (Kaizen) teams
- Communicate impact Lean Six Sigma has on organizational objectives
- Prepare to pass Lean Six Sigma: Green Belt certification exam

Prerequisites and Admissions Requirements:

High School Diploma or equivalent.

Program Requirements:

To earn the Lean Six Sigma: Green Belt Certificate Program you must successfully complete the required course Lean Six Sigma: Green Belt (LN1100) for a total of 30.0 contact hours (3.0 CEUs).