

LEAN SIX SIGMA GREEN BELT (Team Leader)

COURSE DESCRIPTION

This two-day course is designed for supervisors and managers. Participants will gain the knowledge and skills to lead Lean Six Sigma (LSS) project teams. They will understand the five-step LSS problem solving process and advanced problem solving tools. Participants learn their role in implementing LSS as a management system and actually launch a project. In most cases, this project results in improvements that affect the bottom line. This course is available both on-site and publicly at UD. (Yellow Belt Course is a prerequisite). Participants are eligible for 1.3 CEU's.

COURSE CONTENT

- Recap of history, structure and principles of Lean Six Sigma
- Definition of Lean and Six Sigma - why the combination of the two is optimal
- DMAIC five-step problem solving process:
 - Define the problem
 - Measure the problem
 - Analyze root causes
 - Implement solutions
 - Maintain the gains
- Tools used in the problem solving process including: Project Charter, SIPOC Diagram, Voice of Customer, Affinity Diagram, Running Meetings, Team Dynamics, Histograms, Control Charts and Scatter Plots
- Lessons learned from past LSS project teams

COURSE OBJECTIVES

- To gain the knowledge and skills to lead a LSS project team
- To understand the five-step LSS DMAIC problem solving process in detail
- To know when and how to use advanced LSS tools and techniques
- To be equipped to launch a LSS project with a defined charter and appropriate team members

WHO SHOULD ATTEND?

- Leaders of a LSS project team who have completed the Yellow Belt course
- Individuals interested in receiving LSS certification
- Supervisors and Managers

TOOLS AND TECHNIQUES:

Voice of Customer	Data Collection	Mistake Proofing	Work Cells
Affinity Diagram	Histogram	Lean Improvement Techniques	Visual Controls
Leading Meetings	Control Charts	5S	Change Management
Team Dynamics	Scatter Plot	Quick Changeover	12 Yellow Belt Tools
Types of Data	Value Stream Analysis	Kanban	

REGISTRATION: [Center for Competitive Change](#) - This seminar can be customized and conducted on-site. For more information or to register, contact Teri at 937-229-4632 or TStemley1@udayton.edu.