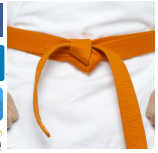
Lean Six Sigma Institute
Lean Six Sigma Institute LLC
info@leansixsigmainstitute.org
www.leansixsigmainstitute.org



LEAN DESIGN CERTIFICATION

DESCRIPTION

Lean Design focuses on the substantial improvement of the design process in terms of improving their time to market and quality of new product introductions. It also focuses on improving their design products or services through the powerful tools of robust design.

PROGRAM

- INTRODUCTION
  a. Background and History
  b. Principles and philosophy
  c. What is Lean and Six Sigma?
  d. What is Lean Design?
- PREPARATION
  a. Aligning strategies
  b. Diagnosis
  c. Prepare the team
- LEAN APPLIED TO DESIGN PROCESS
  a. Define process and project
  b. Mapping process and information
  c. Analyze performance and waste
  d. Improve flow and design time
- LEAN SIX SIMA ON PRODUCTS (DFSS)
  a. Define product and target cost
  b. Measure customer requirements
  c. Analyze functions and select concepts
  d. Develop design that meet the critical quality
  e. Validate that the designs meet the critical quality

INCLUDES

Educational Material
Support Files
Working Formats
Certificate

OBJECTIVE

After completing this course, participants will be able to improve design processes, as well as enhance the cost and performance products or new services.

BENEFITS

- Develop a working system for flexible and robust design
- Develop products and services in record time
- Eliminate costs of redesign and changes to the product
- Accelerate the time of introduction to manufacturing
- Meet target costs.

WHO SHOULD ATTEND?

- Design and innovation management
- Designers and process owners
- Implementers of Lean Six Sigma Directors

DURATION

40 hours