

Design for Six Sigma - DFSS

Design for Six Sigma (DFSS) is a business process focused upon improving product profitability. Through the application of DFSS and other key Six Sigma tools performance can be built into products and processes, whether they be new or reengineered from the very beginning. Meant as an enhancement and not a replacement for your current development process, this blended course provides the framework, tools and processes that deliver a proven, superior approach to developing a new product or service from inception to production sign off.

Learners will gain skills and knowledge necessary to process the Voice of the Customer (VOC) into any new product or process design/redesign, using statistics and modelling of the new designs and services with DFSS tools and training. Skilled with the ability to make decisions to move design projects forward or stop them through clear statistical evidence, proven techniques and methods and with greater accuracy means greater overall success in the deployment of these new products or processes.

Course Features

- A one-week course designed to give participants a comprehensive understanding of the DFSS methodology and the benefits that can be gained from their use.
- Participants of these training programs are eligible for DFSS certification upon completion of the course and an examination.
- This training uses the Define, Measure, Analyze, Design and Verify (DMADV) framework:
 - Define the project goals and customer
 - Measure and determine customer needs and specifications; benchmark competitors and industry.
 - Analyse the process options to meet the customer needs.
 - Design (detailed) the process to meet the customer needs.
 - Verify the design performance and ability to meet customer needs.

Key Topics

- Gain knowledge of how to implement the DMADV framework to integrate the tools into a logical format and give participants a structured approach to new product design and implementation.
- Develop Project Charters for new product implementation programs.
- Learn how to identify Critical To Quality (CTQ) factors and use measurements systems to manage these.
- Understand the interdependency and interaction between subsystems.
- Gain understanding of how to dramatically improve an existing product or process.

Who Should Attend?

Marketing Specialists, Departmental Managers, Quality Managers, Project Managers, Process Design Engineers, Improvement Engineers, Engineers or any staff tasked with contributing to new product development or product redesign projects and implementation programs.

External 5 Days

On-site 5 Days

Corporate Headquarters

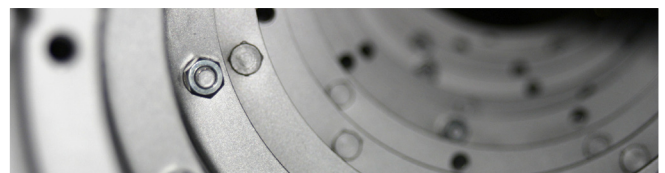
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