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Design for Six Sigma Overview

Course No. 115

Design for Six Sigma (DFSS) overview provides a summary of methodologies for designing the quality and reliability into products, services and processes. It provides overview of the concepts, process and methodologies needed to understand DFSS.

Course Benefits

Student will be able to utilize tools such as quality function deployment (QFD) to understand customer needs and how Six Sigma processes satisfies those needs.

QPS is an Exemplar Global certified training provider for the following competency units contained in this class. Attendees successfully completing this course will receive a certificate of Attainment for these units.

Prerequisites

None

Duration

Two Days (14 hours)

Learning Objectives

At the end of this course, participants will be able to:

- Connect processes and their outputs to enhance your response to customer needs
- Recognize the differences between DFSS and the DMAIC process
- Lead a design team through the DMAIC phases
- Understand the DFSS fundamentals
- Utilize various DFSS tools
- Understand the product lifecycle phases
- Understand when it is appropriate to use DFSS
- Differentiate between the various DFSS phases
- Utilize the different DFSS Models
- Utilize the 21-step integration of tools
- Utilize various metrics and formulas

Topics Covered:

- Understanding Design for Six Sigma concepts
- DFSS vs. DMAIC process
- DFSS Roadmap (Tasks, deliverables, tools)
- Quality function deployment/transfer customer need into the design



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- Tools Summary
- Lessons Learned

Instructor

The seminar leader will be a DFSS Black Belt, Master Black Belt, Lean Expert and ASQ Certified Black Belt with 20 years of experience in implementing these methodologies.

Who Should Attend?

This course is designed for anyone involved in product, process or service design or improvement.

For More Information:

Contact the Training Administrator training@qpsinc.com, Phone: 508-786-0777