

Design for Six Sigma Overview Training Programme Outline

Summary: A programme designed to introduce methods and tools for the robust design of new products, services or processes. The curriculum compliments other Capella programmes including Six Sigma Green and Black Belt.

Aimed at: Anyone interested in understanding best practice methods and tools for developing new products, services or processes. Also suitable for Sponsors, Champions and Managers of DFSS Yellow, Green and Black Belt delegates.

Prior qualifications/experience: None required

Duration: 1 day

Objectives: By the end of the programme, participants will be able to:

- Understand the principles and benefits of Design For Six Sigma
- Recognise Design For Six Sigma methodologies
- Identify appropriate Design For Six Sigma projects
- Be aware of key Design For Six Sigma tools
- Be equipped with key questions to help support Design For Six Sigma deployment and projects

Content:

Day 1 – Design for Six Sigma Overview

Six Sigma background and definition
DFSS Business Case
DFSS Methodologies
Project Selection and Scoping
Voice of Customer and QFD
Data Collection and Analysis
TRIZ
DOE
Validation and Control

Leadership and Personal Development, Strategic Management, Lean Six Sigma & Quality Tools