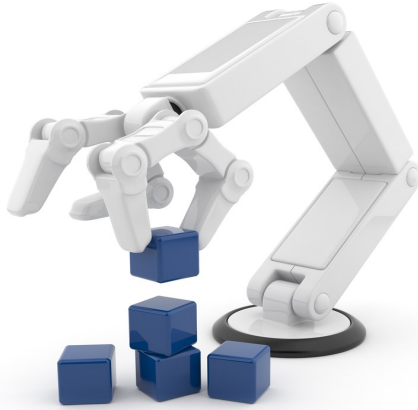


# Design Of Experiments 3-day Training Course



## What is it?

This 3-day training course is designed to give a comprehensive introduction into the subject of designed experiments and will enable delegates to apply value-added experimental techniques to real-world situations.

*Delegates will be required to attend the course with their own laptops, with Minitab installed (at least V16). A 1-month evaluation copy of Minitab can be downloaded prior to the course from the Minitab website.*

## Who should attend?

It is suitable for those who are responsible for performing root cause analysis, testing, and process/product optimisation.

*Some mathematical competence is required but the emphasis is on concepts and application, with consolidation exercises in Minitab and using the 'Statapult'.*

## How will they benefit?

Those organisations that fully embrace Six Sigma save not thousands of pounds and dollars but millions, while at the same time improving their quality and delivery performance not ten fold but a hundred fold. The Six Sigma Group has helped many organisations successfully implement Six Sigma, training Champions, Black and Green Belts and Design for Six Sigma Specialists.

*Agenda content is subject to change.*

Day 1	Day 2	Day 3
Introduction and the 9-step DOE process.	Introduction to Fractional Factorial DOE and Screening Designs	Response Surface Designs
Lunch	Lunch	Lunch
2-level Full Factorial Designs.	Generators & Words for Fractional Factorial Designs	DOE to quantify Variability (Robustness) of a Response: Inner/Outer Arrays and Mixed Arrays
Error Terms in DoE	Folding and projection of fractional designs	Multi-Objective Optimisation in Minitab
Power & Sample Size		Hard-To-Change Factor DOE

You can book this course by calling us today on **01926 632888** or emailing us at [info@sixsigmagroup.co.uk](mailto:info@sixsigmagroup.co.uk)

