

Introduction to Six Sigma

Course Code TGS001

Duration: 1Day

The Six Sigma methodology drives business performance by identifying business problems and eliminating the root causes of failure and variation that lead to poor performance. By using this proven approach it is possible to deliver the highest quality products and services at the lowest cost.

There are no entry requirements for this workshop which assumes that attendees have no prior knowledge of Six Sigma.

Equipment Needed

- Calculator

What will attendees gain?

Candidates will gain knowledge of the DMAIC project methodology along with the quality tools and investigation methods and other widely used six sigma tools. Thornley Group General Awareness training is targeted at individuals requiring a basic understanding of six sigma and its application.

- Identify Business Problems
- Right-First-Time Products and Services
- Understand Customer Requirements
- Deliver the Highest Quality at the Lowest Cost
- Improve the Bottom Line

The Six Sigma workshop explains the purpose, background, tools and benefits of applying this methodology. It will prepare attendees for working in a Six Sigma environment and will provide the knowhow to get started with Six Sigma.

Using their practical experience of Six Sigma improvement programmes, along with simulation exercises, our trainers will take attendees through the process of applying the tools and techniques that they learn.

Summary of Workshop Contents

- | | |
|------------------------------|----------------------------------|
| ● Six Sigma Thinking | ● The Analyse Phase |
| ● DMAIC | ● Process Mapping |
| ● Six-Sigma Roles | ● Identify Causes |
| ● The Define Phase | ● Statistical Analysis |
| ● Defining Business Problems | ● The Improve Phase |
| ● Team Charters | ● Create and Implement Solutions |
| ● Customer Requirements | ● The Control Phase |
| ● The Measure Phase | ● Control Charts |
| ● Understanding Data | ● Sustaining the Improvement |