# Six Sigma

Six Sigma (6σ) is a set of techniques and tools for the improvement of workplace process. Traditionally focusing on manufacturing, Six Sigma has since been embraced by other sectors including healthcare, IT and education.

This intensive and practical course will provide attendees with a full understanding of Six Sigma methodology relevant to the level they need.

The length of the course changes based on the “belt” level required:

- White belt – 1 day
- Yellow belt - 2 days
- Green belt - 3 days
- Black belt - 5 days

## Objectives:

The objectives of the course are:
1. To grow understanding of what Six Sigma is, the benefits it has and how, when, where and why it can be used.
2. To know how to use a range of tools for Six Sigma including SIPOC diagrams and others, and to understand what CTQs and DPMO mean.
3. To develop the capability to use all stages of the DMAIC approach.
4. To be able to differentiate between, combine and use Six Sigma and Lean approaches.
5. To be able to use statistical analysis tools relevant to Six Sigma and belt level.
6. To analyse, evaluate and draw learning experiences from a range of case studies on successful application of Six Sigma and related concepts.
7. To be able to apply the training in the workplace for meaningful, measurable results with an impact on real-life outcomes.

## Duration:

1 / 2 / 3 / 5 days based on level

## Who Should Attend:

The course is aimed at:

- Anyone wanting to know more about the Six Sigma methodology and the tools used in Six Sigma
- Anyone who will take part in Six Sigma projects
- Anyone who will be leading a Six Sigma project or working on Six Sigma full time

The course can be tailored based on the sector of the organisation. We have previously conducted courses focused on utilising Six Sigma in:

- Manufacture
- Healthcare
- Education
- Change management

## Key Features of the Course:

The course features all required components of the Six Sigma body of knowledge relevant to the level. This may include:

- What Six Sigma is, its history, benefits and proliferation into different sectors
- Roles and meaning of each belt level
- Tools and frameworks for Six Sigma including the stages of DMAIC and its variants, the concept of defects and CTQs, and DPMO
- Lean
- Statistical analysis and Six Sigma

## Contact:

E-mail us at **info@ltt-analytics.co.uk** for a full proposal for your organisation.