

MAS South East

Six Sigma Green Belt

For the practical application of Six Sigma

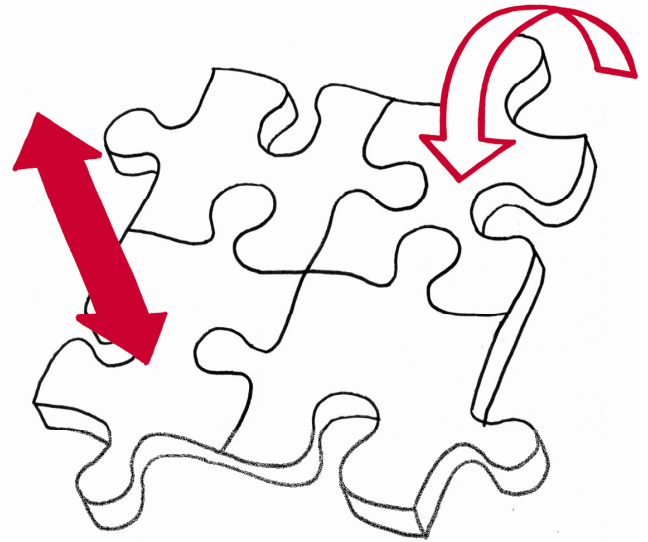
According to many business development and quality improvement experts, Six Sigma is the most popular management methodology in history. Six Sigma began in the late 1980s as an in-house project for reducing defects in production processes at Motorola Inc in the USA. Today Six Sigma is used all over the world as an all-encompassing business performance technique.

Six Sigma is simply a measure of quality that aims for near perfection within your business functions and processes. The objective of Six Sigma is to put in place a measurement-based way of working that focuses on improving processes and reducing inconsistencies - as your 'sigma level' increases, costs go down, cycle times go down, and customer satisfaction goes up, which delivers bottom line results fast.

The Manufacturing Advisory Service (MAS) South East would like to invite you to attend a 9 day Six Sigma Green Belt Course. This program has been designed to enable individuals within a manufacturing business like yours how to apply Six Sigma and how it can be used as an essential tool in the journey towards sustainable continuous improvement, increasing competitiveness, improving performance and motivating employees.

Features and objectives:

- ✧ Interactive exercise based training designed to engage and motivate candidates.
- ✧ Projects which deliver real business benefits must be completed during the training
- ✧ Develop process experts who have the skills to solve any long term or intractable process problems.



Six Sigma in plain English for non statisticians!

To book your place

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Tel 01256 741034

9 day course plus project (full attendance required for certification):

25, 26, 27 May

15, 16, 17 June

20, 21, 22 July

Followed by 3 days of project work time to be agreed with delegates.

This workshop is offered at a government-subsidised rate of £1200 per person. Candidates will need to attend the course with a laptop loaded with Statistical software – SPC XL and DOE KISS (approx £400). The software is not included in the course fees.

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<p>Module One:</p> <p>25, 26, 27 May</p>	<p>Module Two:</p> <p>15, 16, 17 June</p>	<p>Module Three:</p> <p>20, 21, 22 June</p>
<p>Day One</p> <ul style="list-style-type: none"> ✓ Getting organised ✓ What is Six Sigma? 	<p>Day One</p> <ul style="list-style-type: none"> ✓ Quick technical problem solving (Shainin) ✓ Probability 	<p>Day One</p> <ul style="list-style-type: none"> ✓ Simple linear regression ✓ Introduction to design of experiments
<p>Day Two</p> <ul style="list-style-type: none"> ✓ The role of statistics ✓ Graphical and measurement tools ✓ Project selection 	<p>Day Two</p> <ul style="list-style-type: none"> ✓ Sampling and confidence intervals ✓ Hypothesis testing 	<p>Day Two</p> <ul style="list-style-type: none"> ✓ Two level analysis & robust designs ✓ Design of experiments
<p>Day Three</p> <ul style="list-style-type: none"> ✓ Controlling processes <ul style="list-style-type: none"> ○ MSA ○ FMEA ○ Poka-yoke 	<p>Day Three</p> <ul style="list-style-type: none"> ✓ Statistical process control 	<p>Day Three</p> <ul style="list-style-type: none"> ✓ 1/2 fraction ✓ Design of experiments