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CHANGE WITH US[®]

About the Morpheus Group

The Morpheus Group consists of three integrated and complimentary brands; a recruitment business, consulting practice and training offering. Our business deliberately straddles the recruitment, consulting and training disciplines in order to offer our clients a joined up service offering across the change management marketplace.



Morpheus Training supports companies that are looking to improve process and manage change internally. Our expert trainers achieve this through the effective transfer of knowledge to groups or individuals at any level using effective mentoring (to Director Level) and bespoke material relevant to our client's operation.

Our experienced training consultants run internal or 'in house' courses for clients as a preferred option to public or open training. Experience tells us that clients prefer to run training on their own premises where possible as accommodation and travel costs are kept to an absolute minimum. Internal courses also enable us to run standard or bespoke training for your staff alone, which means that all training examples and illustrations will be familiar and specific to your business.



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Lean Six Sigma Green Belt

Training Purpose

Six Sigma refers to a project based continuous improvement methodology aimed at reducing defects in processes, both in manufacturing and service industries. It can be applied in every industry and in every department. Typically a company's employees are trained to work in teams and apply a series of rigorous tools and techniques to improve processes, customer satisfaction and profitability. The Six Sigma methodology can also be applied in not for profit organisations to improve service delivery and value for money.

Our **Lean Six Sigma Green Belt** course consists of a mixture of teaching and practical exercises to aid and reinforce tool usage. We place considerable emphasis during each training week on formal reporting of project progress to classmates and project champions. Detailed feedback is given in writing to Green Belt candidates and management about Six Sigma tool usage and project progress.

In addition to advising on Six Sigma project selection, we typically visit students on-site between training weeks to provide one to one Six Sigma project and tool use advice.

Telephone and email project review advice is also provided during and after training to ensure the projects are completed promptly, that the appropriate Six Sigma tools have been properly applied and that the Green Belt candidate achieves certified Green Belt status.

Course Objectives

Upon completion of the course delegates will be proficient in the use of all major Lean Six Sigma tools. They will be able to apply the tools to live training projects aimed at delivering an improvement and financial saving in their chosen process.

Who Should Attend?

The course is suited to anyone motivated by process improvement in their business area.

Pre requisites

No previous Lean Six Sigma experience is necessary. However, candidates should be comfortable dealing with people at all levels in their business and have the resilience required to tackle sometimes complex operational problems. It is also important that candidates are receptive to new ideas and concepts. A good working knowledge of Microsoft® Office is essential. Attendees should have access to a laptop loaded with Microsoft Excel™, Microsoft Word™, Microsoft PowerPoint™ and MINITAB™ Statistical Software, for the duration of the course and beyond.

Topical Outline

Week 1

- Six Sigma Overview
- Customer Focus & CT trees
- Problem Statements/Objectives
- Project Metrics
- Cost of Poor Quality (COPQ)
- Pareto Charts
- Process Mapping
- Introduction to Data
- Basic Statistics – Variable & Attribute
- Data Collection
- Introduction to Minitab
- Measurement Systems Analysis
- Capability Analysis – Variable Data
- Capability Analysis – Attribute Data
- Cause & Effect Diagram
- Cause & Effect Matrix
- Project Presentations

Week 2

- Failure Modes & Effects Analysis (FMEA)
- Introduction to Hypothesis testing
- Correlation and Regression
- Introduction to Design of Experiments
- Implementation of Improvements
- Introduction to Control
- Statistical Process Control
- Control Plans
- Mistake Proofing
- Standardised Work
- 5S
- Visual management
- Project Presentations

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