

# LQ04



## LQ04 - Introduction to Six Sigma

### Prerequisites

None

### Duration

1 day

### Course description

Improving business processes is on top of the agenda for chief and senior executives. This requires a solid understanding of the current business processes and a structured approach for changing these processes in light of business improvement. The Six Sigma methodology has become a successful and popular methodology for designing and improving business processes by eliminating process defects.

This one day course explores the main ideas of Six Sigma and introduces the continuous business process improvement approach DMAIC. After the training, participants will be familiar with each phase of the DMAIC cycle, as well with the established tools and methods in each step. The training uses a real-life business scenario as a consistent, ongoing teaching case, where each participant will explore DMAIC hands-on.

For more information  
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### After this course you will understand

- the origins and concepts of Six Sigma
- Six Sigma methodologies
- the DMAIC cycle
- DMAIC tools and methods.

### You will learn how to

- apply the tools and methods of Six Sigma to process improvement
- use the DMAIC cycle to analyse and redesign business processes
- apply statistical techniques to the analysis of process performance.

The Leonardo Education Curriculum has been carefully designed to develop all of the required capabilities for effective process-based management. There are 14 world class courses in our comprehensive BPM curriculum.

These courses are delivered by the Queensland University of Technology.