

# Executive Green Belt Training

---



## *A Recipe For Leading And Implementing Six Sigma Realising The Full Potential For Success*

Six Sigma is a methodology that utilises a disciplined process and a variety of tools, including process, graphical and statistical analysis, to help companies improve their efficiency and profitability. It is a customer-focused strategy that applies a proven methodology to help Define, Measure, Analyse, Improve and Control (DMAIC) processes within the company.

*Executive Green Belt Training* aims to enable senior management or Leaders and other key personnel who will be serving as Six Sigma Champion to effectively manage the implementation of Six Sigma throughout the organisation. The training covers basic tools of Six Sigma and the role of leaders in the Six Sigma initiative.

The 4-day workshop focuses on:

- Learning Six Sigma methodology, techniques and basic tools
- Discussing how to apply Six Sigma methodology in different business environments
- Elaborating the role senior management plays in the Six Sigma initiative
- Selecting and scoping projects effectively
- Guiding Black Belts and Green Belts during project reviews
- Challenging team recommendations
- Ways to overcome barriers to change in the organization
- Diagnosing problems in the team and develop effective responses
- Pitfalls and how to avoid those
- Case studies of successful implementation of Six Sigma projects and initiatives

### **CHL Lean Six Sigma Learning Simulation**

To enhance the learning experience, this 4-day course will be structured around the CHL Lean Six Sigma Learning Simulation. Trainees play out various staff roles within a Courier Firm (CHL) as well as CHL's customers. Through this learning simulation, trainees will understand within a day, the power of the process improvement methodology as well as apply some tools to improve the Courier Process.

This Learning Simulation is designed to be exciting, interactive and fun. It has proven to be very effective in teaching the principles of Six Sigma especially to audiences that are used to action-based learning in multiple client sites.

*A Recipe For Leading And Implementing Six Sigma  
Realising The Full Potential For Success*

## Workshop Outline

This 4-day course has been structured in two 2-day workshops. During the first two days, the focus is on Define and Measure, whereas the second workshop is covering Analyse, Improve and Control. Special emphasis has been put on “The Role of Leaders” in each phase.

Day 1	Day 2
<p><b>Process Excellence Simulation including</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Project Charter</li> <li><input type="checkbox"/> VOC, Kano</li> <li><input type="checkbox"/> SIPOC</li> <li><input type="checkbox"/> Histogram, Time Plot</li> <li><input type="checkbox"/> Sigma Calculation</li> <li><input type="checkbox"/> Process Analysis, VA/NVA Analysis</li> <li><input type="checkbox"/> Generating Solutions</li> <li><input type="checkbox"/> Piloting</li> <li><input type="checkbox"/> Implementing Solutions</li> <li><input type="checkbox"/> Control Chart</li> </ul> <p>Belt Selection – A Staff Development Task</p>	<p><b>Define</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Project Charter: How to define Projects, that add value and that are attainable</li> <li><input type="checkbox"/> What is our Business Case</li> </ul> <p>The Role of Leaders in Define</p> <p><b>Measure</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Ishikawa Diagram</li> <li><input type="checkbox"/> Basic Statistics</li> <li><input type="checkbox"/> Data Collection &amp; Sampling</li> <li><input type="checkbox"/> Patterns in Data (Variation and Plots)</li> </ul> <p>The Role of Leaders in Measure</p> <p>Project Examples</p>
Day 3	Day 4
<p><b>Analyse</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Data Analysis: Tests and Regression</li> <li><input type="checkbox"/> Process Analysis: Lean Principles</li> </ul> <p>The Role of Leaders in Analyse</p> <p><b>Improve</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Identify Potential Solutions</li> <li><input type="checkbox"/> The role of Creativity Techniques for Innovative Solutions</li> <li><input type="checkbox"/> Mitigate Risk</li> <li><input type="checkbox"/> Implement Solutions</li> </ul> <p>Change Management – A Leaders Responsibility</p>	<p><b>Control</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Process Management</li> <li><input type="checkbox"/> Standardisation</li> <li><input type="checkbox"/> Monitoring</li> <li><input type="checkbox"/> Project Closure</li> </ul> <p>The Role of Leaders in Control</p> <p>Project Examples</p> <p>DOs and DONTs</p>

# Executive Green Belt Training

---



*A Recipe For Leading And Implementing Six Sigma  
Realising The Full Potential For Success*

## **Benefits & Values of the Course**

Participants gain the following benefits and values through the Executive Green Belt Course:

- Experiencing a “real” transactional Green Belt project in high speed turning around a process in one day
- Getting familiar with all basic and some advanced tools that are used by Green Belts and Black Belts, Executive Green Belts may have to supervise
- Gaining a deeper understanding into the role of the leader in each phase of the DMAIC cycle
- Exploring the Change Acceleration Process (CAP) formula to support tools, techniques and methods by skills like communication, involvement and facilitation achieving lasting results and developing staff
- Understanding the value of injecting Lean tools and Creativity techniques to foster Six Sigma improvements