

## Lean Six Sigma Champion Course - 3-Day

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### Agenda

#### Day One

8:00 am	Welcome and Introductions
	Course Objectives
	Project Results & Project Delays
	Six Sigma Overview
	Quality Overview
	Lean Six Sigma Overview
	Workshop 1: Force Field Analysis
	Workshop 2: Simulation “Boards-R-Us” Trial 1
12:00 noon	LUNCH
1:00 pm	Project Selection
	Workshop 3: Project Selection Matrix
	Voice of the Customer
	Workshop 4: VOC Methods
	Define Overview <ul style="list-style-type: none"> <li>• Project Charter</li> <li>• Workshop 5: “Is / Is Not”</li> <li>• High Level Process Map</li> <li>• Workshop 6: Process Mapping</li> <li>• Stakeholder Analysis/Voice of the Customer/CTQ Tree</li> <li>• Workshop 7: SIPOC</li> <li>• SIPOC Map</li> <li>• Communication Plan/Project Schedule</li> </ul>
	Measure Overview <ul style="list-style-type: none"> <li>• Data management plan/Indicators</li> <li>• Workshop 8: Indicators</li> <li>• Graphical displays of central tendency and variability</li> <li>• Workshop 9: Family of Measures</li> <li>• Workshop 10: Data Types</li> </ul>
	Daily Summary
5:00 pm	Adjourn for the day

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#### Day Two

8:00 am	Review of Day 1
	Measure Overview (cont.) <ul style="list-style-type: none"><li>• Measurement System Analysis</li><li>• Graphical display of main-pain over time</li><li>• Workshop 11: Check Sheets</li><li>• Capability studies &amp; Calculating Sigma</li></ul>
	Workshop 12: Simulation “Boards-R-Us” Trial 2
12:00 noon	LUNCH
1:00 pm	Analyze Overview <ul style="list-style-type: none"><li>• Identify and eliminate or reduce non-value add</li><li>• Workshop 13: Value Add</li><li>• Stratify data to determine differences and potential root causes</li><li>• Identify potential root cause of process variation</li><li>• Workshop 14: Brainstorm Root Causes</li><li>• Use statistical methods to validate root causes</li></ul>
	Improve Overview <ul style="list-style-type: none"><li>• Fully explored creative solutions</li><li>• Workshop 15: Generate Creative Solutions</li><li>• Updated documentation</li><li>• A should-be process map</li><li>• Implementation of improvements (pilot or/and full-scale)</li></ul>
	Workshop 16: Simulation “Boards-R-Us” Trial 3
	Daily Summary
5:00 pm	Adjourn for the day

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### **Agenda**

#### **Day Three**

8:00 am	Review of Day 2
	Control Overview <ul style="list-style-type: none"><li>• Comparison of before and after of main project metric</li><li>• Validated analysis of soft, hard, and avoidance savings</li><li>• Plan to sustain and confirm long-term gains</li></ul>
	Workshop 17: Rewards and Recognition
	Project Alignment Process
	Workshop 18: Project Prioritization
	DMAIC Review Questions
	Black Belt Criteria
	Implementation Strategies
	Black Belt Certification Process
	Green Belt Certification Option
	Summary and Evaluation
11:45 am	Course Close