Developers of the QI Macros for Excel and Lean Six Sigma Demystified

Yellow Belt Certification Checklist



Watch Lean Six Sigma video tutorials and complete the "dojo" exercises. (see list with links below)



Read Lean Six Sigma Demystified or Lean Six Sigma for Hospitals book



Pass 140 Question exam.



Order certification for \$97

Only after you've successfully completed the exam will you be asked to order and pay for certification. There are no "up front" costs.

Download Free LSSMB Workbook in pdf format

Video Checklist - Click on Links to View Videos

Introduction and Lean	Six Sigma
☐ Intro to Lean Six Sigma Training	☐ Six Sigma in Plain English
□ What is Lean Six Sigma?	□ What is Six Sigma?
□ What is Lean?	□ <u>DMAIC - FISH</u>
□ Benefits of Lean	□ <u>DMAIC Roadmap</u>
 Seven Speed Bumps of Lean 	☐ Measures - CTQs
□ <u>5S - Simplify</u>	□ <u>4-50 Rule</u>
□ Value Stream Mapping	□ Root Cause Analysis
□ Spaghetti Diagram	□ <u>5 Whys?</u>
□ Work Cell Design	☐ Mistake Proofing
□ <u>Lean Kitchens</u>	□ Long Tail of Tools
Subway Lean Example	□ <u>Team Sponsorship</u>
□ <u>Kanban</u>	□ <u>Team Facilitation</u>
□ Lost Time Analysis	□ <u>Team Motivation Styles</u>



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Lean Six Sigma Examples	SPC and MSA Gage R&R
☐ Lean - Patient Scheduling	□ <u>SPC Overview</u>
☐ Lean - Computer Operations	□ What is SPC?
□ <u>Lean - Dojo Exercises</u>	□ What is a Control Chart
□ Service Order Errors	□ What is a Histogram with Cp Cpk
☐ False Fire Alarms	□ What is a MSA Gage R&R?
□ <u>Wafer Strength</u>	□ SPC Exercises Dojo
☐ Automotive Bolt Defects	
☐ Denied Insurance Claims	
□ Medication Errors	
□ Patient Falls	
□ Retained Foreign Objects	
□ Six Sigma Dojo Exercises	
SPC Examples	
Automotive Industry	Healthcare Industry
SPC Examples - 23 min	SPC Examples - 18 min
□ XbarR / Histogram - Bend Clip Gaps	□ XmR chart – Door to Balloon
□ XbarR chart -DIOUEW Length	□ XmR / Histogram - Radiology
☐ XmR ImR chart - Acid Concentration	<u>Turnaround Times</u>
□ <u>c chart - Bolt Defects</u>	□ <u>c chart - Wrong Site Surgeries</u>
□ np chart - Spot Weld Flaws	□ p chart - C-sections vs Deliveries
p chart - Test Discrepancies	□ <u>u chart - Falls / 1000 patient days</u>
□ <u>u chart - Dock Audit</u>	□ ANOM chart - Ed Admissions
	□ XbarR / Histogram - Staffing Variance
Six Sigma Tools	PivotTables
35 minutes	29 minutes
□ Control Chart	□ PivotTable Overview
□ <u>Histogram</u>	□ Packaging Line Defects Example
□ Pareto Chart	□ <u>Denied Claims Example</u>
☐ <u>Ishikawa Fishbone Diagram</u>	□ Emergency Room Example
□ Countermeasures Matrix	□ <u>ICU Medications</u>
□ Flowchart	□ PivotTable Dojo Exercises
□ <u>Checksheet</u>	
□ <u>QI Macros Wizards</u>	☐ Yellow Belt Summary Video
□ <u>Tools Dojo Exercises</u>	
	□ <u>Final Exam</u>