

Lean Six Sigma Yellow Belt (YB) Onsite Workshop \$195 - 2 days (16 hours)

Define Phase	Summary Review of Lean Six Sigma White Belt Course - S3
	1.0 Define Phase
	1.1.3 Deliverables of a Lean Six Sigma Project - S17
	1.1.4 The Problem Solving Strategy $Y = f(x)$ - S9
	1.1.5 Voice of the Customer, Business and Employee - S7
	1.1.6 Six Sigma Roles & Responsibilities - S12
	1.2.1 Defining a Process - S42
	1.2.2 Critical to Quality Characteristics (CTQ's) - S29
	1.2.3 Cost of Poor Quality (COPQ) - S83
	1.2.4 Pareto Analysis (80:20 rule) - S78
	1.2.5 Basic Six Sigma Metrics - S140
	a. including DPU, DPMO, FTY, RTY Cycle Time - S142
	1.3 Selecting Lean Six Sigma Projects - S33
	1.3.1 Building a Business Case & Project Charter - S34
	1.3.2 Developing Project Metrics - S34
	1.3.3 Financial Evaluation & Benefits Capture - S34
	1.4 The Lean Enterprise - S40
Measure Phase	2.0 Measure Phase
	2.1 Process Definition - S38
	2.1.1 Cause & Effect / Fishbone Diagrams - S89
	2.1.2 Process Mapping, SIPOC, Value Stream Map - S43
	2.1.3 X-Y Diagram - S94
	2.1.4 Failure Modes & Effects Analysis (FMEA)
	2.2 Six Sigma Statistics - S103
	2.2.1 Basic Statistics - S132
	2.2.2 Descriptive Statistics - S133
	2.2.3 Normal Distributions & Normality - S94 & S134
	2.2.4 Graphical Analysis - S94
	2.3 Measurement System Analysis - S91
	2.3.1 Precision & Accuracy - S108
	2.3.2 Bias, Linearity & Stability - S131
	2.3.3 Gage Repeatability & Reproducibility - S111
	2.3.4 Variable & Attribute MSA - S34
	2.4 Process Capability
	2.4.1 Capability Analysis
	2.4.2 Concept of Stability S134
	2.4.3 Attribute & Discrete Capability - S34
2.4.4 Monitoring Techniques	

Caldwell & Associates Course Body of Knowledge

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Analyze Phase	3.0 Analyze Phase
	Future State Value Stream Mapping - S44
Improve Phase	4.0 Improve Phase
Control Phase	5.0 Control Phase
	5.1 Lean Controls
	5.1.1 Control Methods for 5S
	5.1.2 Kanban
	5.1.3 Poka-Yoke (Mistake Proofing)
	5.3 Six Sigma Control Plans
	5.3.1 Cost Benefit Analysis
	5.3.2 Elements of the Control Plan
5.3.3 Elements of the Response Plan	
Certification Exam	Caldwell & Associate Certification Exam - Free
	Caldwell & Associates courses are based on IASSC body of knowledge
	International Association of Six Sigma Certification Exam - \$195
	No Project

