

Quality America, Inc.

Transactional Black Belt Training Agenda

Week 1

Start	Duration	Monday	Tuesday	Wednesday	Thursday	Friday
9:00	(1-1/2 hr)	Six Sigma Overview ➤ <i>Why Do Six Sigma</i>	DMAIC Define ➤ <i>Project Definition</i>	DMAIC Define ➤ <i>Change Management / Teams</i>	DMAIC Measure ➤ <i>Establishing Process Baseline</i>	DMAIC Measure ➤ <i>Process Capability, Histograms & Probability Plots</i>
10:30	(1/4 hr)	Morning Break				
10:45	(1-1/4 hr)	Six Sigma Overview ➤ <i>How to Deploy SS</i>	DMAIC Define ➤ <i>Project Financials</i>	DMAIC Define ➤ <i>Project Scheduling</i>	DMAIC Measure ➤ <i>X-Bar Charts</i>	DMAIC Measure ➤ <i>Process Capability (continued)</i>
12:00	(1 hr)	Lunch				
1:00	(1-1/2 hr)	Six Sigma Overview ➤ <i>How to Deploy SS (continued)</i>	DMAIC Define ➤ <i>Goals & Metrics</i>	DMAIC Measure ➤ <i>Tools / Objectives</i>	DMAIC Measure ➤ <i>Individuals Data</i>	DMAIC Measure ➤ <i>Attribute Control Charts</i>
2:30	(1/4 hr)	Afternoon Break				
2:45	(1-1/4 hr)	Six Sigma Overview ➤ <i>Six Sigma Projects</i>	DMAIC Define ➤ <i>Goals & Metrics (continued)</i>	DMAIC Measure ➤ <i>Tools (continued)</i>	DMAIC Measure ➤ <i>Individuals Data (continued)</i>	Overview and Wrap-Up

Week 2

Start	Duration	Monday	Tuesday	Wednesday	Thursday	Friday
9:00	(1-1/2 hr)	DMAIC Measure ➤ <i>Short Run SPC</i>	Projects Discussion	DMAIC Analyze ➤ <i>Sources of Variation</i>	Projects Discussion	DMAIC Analyze ➤ <i>Introduction to Designed Experiments</i>
10:30	(1/4 hr)	Morning Break				
10:45	(1-1/4 hr)	DMAIC Measure ➤ <i>Short Run SPC (continued)</i>	Projects Discussion	DMAIC Analyze ➤ <i>Sources of Variation (continued)</i>	Projects Discussion	DMAIC Analyze ➤ <i>Introduction to Designed Experiments (continued)</i>
12:00	(1 hr)	Lunch				
1:00	(1-1/2 hr)	DMAIC Analyze ➤ <i>Measurement Systems Analysis</i>	DMAIC Analyze ➤ <i>Lean Methods / Objectives</i>	DMAIC Analyze ➤ <i>Introduction. To Regression</i>	DMAIC Analyze ➤ <i>Multiple Regression</i>	Overview and Wrap-Up
2:30	(1/4 hr)	Afternoon Break				
2:45	(1-1/4 hr)	DMAIC Analyze ➤ <i>Measurement Systems Analysis (continued)</i>	DMAIC Analyze ➤ <i>Lean Methods (continued)</i>	DMAIC Analyze ➤ <i>Introduction. To Regression (continued)</i>	DMAIC Analyze ➤ <i>Multiple Regression (continued)</i>	

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Week 3

Start	Duration	Monday	Tuesday	Wednesday	Thursday	Friday
9:00	(1-1/2 hr)	DMAIC Analyze ➤ <i>DOE Analysis</i>	Projects Discussion	DMAIC Improve ➤ <i>Simulations</i>	Projects Discussion	Six Sigma Overview ➤ <i>Voice of Customer</i>
10:30	(1/4 hr)	Morning Break				
10:45	(1-1/4 hr)	DMAIC Analyze ➤ <i>DOE Analysis</i> (continued)	Projects Discussion	DMAIC Improve ➤ <i>Simulations</i> (continued)	Projects Discussion	Six Sigma Overview ➤ <i>Voice of Customer</i> (continued)
12:00	(1 hr)	Lunch				
1:00	(1-1/2 hr)	DMAIC Analyze ➤ <i>Transformations</i>	DMAIC Improve ➤ <i>Tools / Objectives</i>	DMAIC Control ➤ <i>Tools / Objectives</i>	DMAIC Control ➤ <i>Serial Correlation</i>	Overview and Wrap-Up
2:30	(1/4 hr)	Afternoon Break				
2:45	(1-1/4 hr)	DMAIC Analyze ➤ <i>Transformations</i> (continued)	DMAIC Improve ➤ <i>Tools</i> (continued)	DMAIC Control ➤ <i>Tools</i> (continued)	DMAIC Control ➤ <i>Serial Correlation</i> (continued)	