

# *Quality America, Inc.*

## Black Belt Training Agenda for Health Care

### Week 1

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

### Week 2

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

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## **Black Belt Training Agenda for Health Care**

### **Week 3**

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