

## Program Details



## Six Sigma Panorama Description

Six Sigma Panorama provides participants with an introduction into the world of Six Sigma and to the underlying mechanics, focused use and application, and the goals of Six Sigma. The participant also gains tremendous insight into the different generations of deployments and how improvement breakthrough can be achieved by utilizing Six Sigma as a system of management and a means of process intervention.

In addition they will learn how Six Sigma impacts different levels of an organization, the various levels of belt training, duration of projects, expected savings per role, as well as how to determine the vital few inputs for processes across an organization.

These insights will lead you to a better understanding of how Six Sigma is deriving tremendous bottom line benefits for many of the world's top corporations.

Total instructional time for this program is approximately 12 hours.

# Six Sigma Panorama Outline

Run Time (h:mm:ss)

<b>Global Concepts</b>		<b>11:49:54</b>
<b>Breakthrough Vision</b>		<b>2:36:13</b>
Content Overview	<i>Understand the nature, purpose, and drivers of Six Sigma</i>	0:30:15
Driving Need	<i>Identify the needs that underlie a Six Sigma initiative</i>	0:16:14
Customer Focus	<i>Explain why focusing on the customer is essential to business success</i>	0:10:23
Core Beliefs	<i>Contrast the core beliefs of Six Sigma to conventional practices</i>	0:30:12
Deterministic Reasoning	<i>Describe a basic cause-and-effect relationship in terms of <math>Y=f(X)</math></i>	0:07:35
Leverage Principle	<i>Relate the principle of leverage to an improvement project</i>	0:17:02
Tool Selection	<i>Identify the primary family of analytical tools used in Six Sigma work</i>	0:21:25
Performance Breakthrough	<i>Explain how a benchmarking chart can be used to assess quality performance</i>	0:23:07
<b>Business Principles</b>		<b>2:53:13</b>
Quality Definition	<i>Articulate the idea of quality in terms of value entitlement</i>	0:06:50
Value Proposition	<i>Define the primary components of value and their key elements</i>	0:10:02
Metrics Reporting	<i>Recognize the need for installing and reporting performance metrics</i>	0:35:17
BOPI Goals	<i>Recognize the need for cascading performance metrics</i>	0:07:10
Underpinning Economics	<i>Describe the relationship between quality and cost</i>	0:27:02
Third Generation	<i>Differentiate between the first, second and third generations of Six Sigma</i>	0:25:28
Success Factors	<i>Identify the primary success factors related to a Six Sigma deployment</i>	1:01:24
<b>Process Management</b>		<b>3:34:39</b>
Performance Yield	<i>Explain why final yield is often higher than first-time yield</i>	0:20:08
Hidden Processes	<i>Describe the non-value added component of a process</i>	0:20:26
Measurement Power	<i>Describe the role of measurement in an improvement initiative</i>	0:27:07
Establishing Baselines	<i>Explain why performance baselines are essential to realizing improvement</i>	0:19:45
Performance Benchmarks	<i>Explain how a benchmarking chart can be used to assess quality performance</i>	0:24:12
Defect Opportunity	<i>Understand the nature of a defect opportunity and its role in metrics reporting</i>	0:12:01
Process Models	<i>Define the key features of a Six Sigma performance model</i>	0:16:16
Process Capability	<i>Identify the primary indices of process capability</i>	0:36:05
Design Complexity	<i>Describe the impact of complexity on product and service quality</i>	0:23:43
Product Reliability	<i>Explain how process capability can impact product reliability</i>	0:14:56
<b>Installation Guidelines</b>		<b>2:45:49</b>
Deployment Planning	<i>Understand the elements of Deployment Planning</i>	0:19:55
Deployment Timeline	<i>Understand the elements of Deployment Planning</i>	0:23:24
CXO Role	<i>Receive insight on how key decisions are addressed</i>	0:02:30
Champion Role	<i>Define the operational role of a Six Sigma Champion and highlight key attributes</i>	0:09:50
Black Belt Role	<i>Define the operational role of a Six Sigma Black Belt and highlight key attributes</i>	0:53:38
Green Belt Role	<i>Define the operational role of a Six Sigma Green Belt and highlight key attributes</i>	0:19:35
White Belt Role	<i>Define the operational role of a Six Sigma White Belt and highlight key attributes</i>	0:28:23
Application Projects	<i>Describe the purpose of Six Sigma Application Projects and how such projects are executed</i>	0:08:34
<b>Total Video Run Time</b>		<b>11:49:54</b>