

## Program Outline



## Six Sigma Panorama

Run Time (h:mm:ss)

### Global Concepts

11:49:54

#### Breakthrough Vision

2:36:13

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

#### Business Principles

2:53:13

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
BOP1 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

#### Process Management

3:34:39

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



## Installation Guidelines

**2:45:49**

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

**Total Video Run Time 11:49:54**