

Charting Process Behavior (SPC)



Course Content and Outline

Total Estimated Hours: 13.90

Session 1 (13.90 Hours)

- Course Introduction
- The Six Sigma Improvement Process
- Measurement & Metrics
- Trend Chart Toolset
- Histogram Toolset
- Quantifying Process Variability
- SPC - Introduction and Background
- SPC - Introduction to Control Charts
- SPC - Control Chart Limits
- SPC - More On Control Limits
- Implementing SPC
- SPC Chart Selection
- Rational Subgrouping Toolset
- X and Moving Range Charts - Toolset
- Attribute Control Chart Toolset
- X-bar and R Chart Toolset
- Related Theory
- Process Capability Toolset
- Advanced SPC Charts I
- Advanced SPC Charts II
- Exercises and Quiz
- Course Completion

Updated: 1/4/10

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