

Six Sigma Black Belt Certification CSSBB

Course Outline

- 1) Multiple Regression
- 2) Advanced MultVari
- 3) Attribute Measurements
- 4) Attribute Measurement Systems
- 5) Sample Size Calculations
- 6) Six Sigma for Service
- 7) Managing Change
- 8) Introduction to DOE
- 9) Full Factorial Experiments
- 10) Full Factorial Simulations
- 11) Fractional Factorials Designs
- 12) DOE Sample Size Selection
- 13) InClass DOE Project
- 14) Project Planning and Deliverables
- 15) Project Reviews Measurement
- 16) Design of Experiments Review
- 17) Blocking in Experiments
- 18) General Factorial Experiments
- 19) Residual Analysis
- 20) NonNormal Data Transformations
- 21) NonNormal Data in Experiments
- 22) Sequential Experimentation

- 23) Response Optimization Designs
- 24) Multiple Response Optimization
- 25) Transactional Improvements
- 26) Simulations for Improvement
- 27) Applied Experimentation
- 28) Statistical Process Control
- 29) Mistake Proofing
- 30) Control Methods
- 31) Project Closure and Synergy
- 32) Integration of Lean