
SIX SIGMA ONLINE TRAINING COURSE CONTENT

Course Content:

1. Six Sigma Quality Overview

- Origin of Six Sigma
- What is Six Sigma
- Impact of Six Sigma
- Six Sigma Problem Solving Approach
- Standard Deviation

2. Define Phase

- Project Charter
- RACI Model
- VOC
- CTQ Elements
- Process Mapping
- Project Metrics
- Project Plan

3. Measure Phase

- YX Diagram
- FMEA

- MSA Capability Analysis
- Data Collection Plan
- Process Sigma Calculation
- Gauge R & R Analysis
- Indices of Process Capability

4. Analyze Phase

- Histograms
- Hypothesis Testing
- Quartiles
- Scatter Plots
- ANOVA
- Two Sample T-Test

5. Improve Phase

- Regression
- Correlation
- Correlation Coefficient And Slope
- DOE Planning

6. Control Phase

- Control Plan
- Statistical Process Control
- Control Charts
- X-bar R-Charts
- P-charts

