

Statistical Process Control for Ceramic Processing course outline

Course Introduction – History and Perspective

Module I: Statistics and Statistical Process Control (SPC)

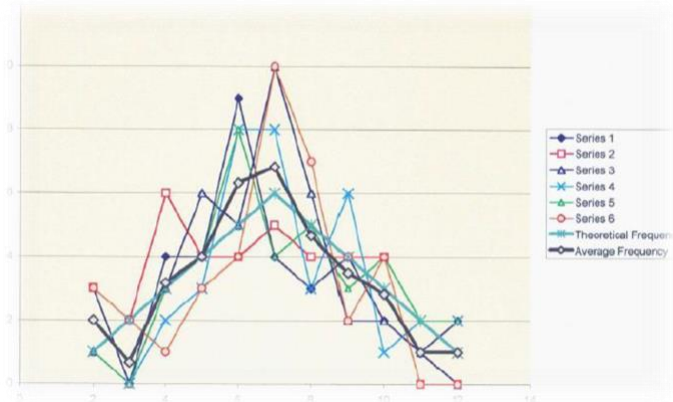
Lesson 1: Statistical Basics and Statistical Distributions

Lesson 2: Run Charts and Control Charts

Lesson 3: Regression and Correlation Analysis

Lesson 4: Process Improvement and Design of Experiments

Lesson 5: Six Sigma



Module II: Applying SPC to Ceramic and Glass Processing

Lesson 6: Raw Materials

Lesson 7: Batching

Lesson 8: Material Preparation

Lesson 9: Forming Operations

Lesson 10: Drying

Lesson 11: Firing

Lesson 12: Glass Processing

Lesson 13: Machining

Lesson 14: Finished Ware Inspection

Lesson 15: Following Ware through the Production Process

Lesson 16: Continual Improvement