

GR&R / MSA Workshop

*In this **8-hour** workshop, learn how plan, conduct, analyze and interpret gage repeatability and reproducibility studies (G R & R). Actual study is conducted in class. You will also learn how to conduct measurement system analysis (MSA) for attributes (agreement analysis). Statistical software and excel macros will be used to illustrate the different methods.*



Outline

- > Workshop Objectives
- > Definitions
- > Stability
- > Linearity
- > Processes & Sources of variation
- > Issues for Planning a GR&R Study
- > GR & R Methodology: Standard Method
- > Interpretation of Results
- > Evaluation Using Analysis of Variance
- > Comparing GR&R Results with Process Capability Indices
- > Unacceptable Results
- > Comparison to Manufacturer's Specs.
- > Analyzing Non-Traditional Situations
- > Agreement Analysis (Attributes)
- > Workshop Practice

Who Should Attend?

Lab Technicians, Quality Engineers, Technicians, and Supervisors, R&D Engineers, Project Engineers, and/or other associates with responsibilities to conduct and interpret GR&R / MSA studies

Contact us for a quote to bring this workshop on-site!



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