

# MSA

## **Objective:**

Training focused on improving manufacturing, the content is related to the Automotive Industry specifically requested by General Motors. One by one, 30 elements are fully explained in a simple way to help attendees visualize the correct implementation in their facilities.

## **Topics:**

Module 1. General Guidelines for Measurement Systems

Module 2. General Concepts for the Evolution of Measurement Systems

Module 3. Recommended Practices for Replicable Measurement Systems

A. Discrimination of measurement systems.

B. Stability.

C. Linearity.

D. Bias or accuracy.

E. Repeatability and reproducibility.

Module 4. Preparation for a Measurement System Analysis

Module 5. Analysis of Attribute R&R

Module 6. Other Measurement Practices and Concepts

Module 7. Replicable Measurement Systems (destructive tests)

Module 8. Appendices and Exercises

## **Target audience:**

Training.

Maintenance.

Materials.

Design, manufacturing, tooling, and quality engineering.