



Kotem SmartProfile

COURSE DESCRIPTION

A four hours course covering the use and application of Kotem SmartProfile software.

The course will incorporate multiple group exercises to emphasize GD&T dimensional analysis concepts.

COURSE OBJECTIVES

Upon completion of this INTRODUCTION course, the attendee will learn:

- Importing CAD
 - 2D and 3D models
- Assigning datums
- Feature creation
 - F.O.S., width, patterns, etc.
- Assigning geometric tolerances
 - Profile, position, etc.
- Importing data
- Analysis
 - Viewing colormaps and "whiskers"
 - Setting up custom views
- Reporting
 - Generating 2D reports
 - Saving SmartProfile projects for 3D viewer

Upon completion of this APPLICATIONS course, the attendee will learn:

- Exporting data from various inspection equipment

OGP (MeasureMind, MeasureX)

PC-DMIS

Reflex

- Point cloud filtering
- Handling manual point assignments
- User-driven application issues*
- Introduction to scripting for automation

**Students are encouraged to bring non-confidential point files, CAD models, or prints to review during class.*