

GEOMETRIC DIMENSIONING AND TOLERANCING (GD&T)



Aim of Course

This course is designed to provide the foundation to a better understanding and interpretation of GD&T principles in the field of dimensional metrology. It also covers the basic terms and definitions required by personnel involved in the calibration and inspection of various manufactured components.

Pre-Requisites for attending this course

- Introduction to Measurement (strongly recommended)
- Uncertainty of Measurement - GUM (Physical)

Course Overview

- Engineering Drawings
- Datums and Datum Systems
- Feature control frames
- GD&T Symbols and Definitions
 - Form tolerances
 - Orientation tolerances
 - Location tolerances
 - Run-out tolerances
- Additional symbols
- Applications of GD&T

Who should attend?

(Dimensional) Calibration technicians, inspectors and quality control personnel

Course Duration

3 Days

Evaluation

Daily tests and the passing of a final examination are required in order to successfully complete this course.

The examination will be written approximately two weeks after the completion of the course.

