

# GD&T Basics Online Training Course Outline

## Lesson 1 – Language of Measurement

- Use the language of dimensional measurement.
- Convert English to SI (metric) units of measure and SI to English units.
- Understand basic terminology used on drawings and blueprints.

## Lesson 2 – Datums

- Use a datum to locate the position of part features.
- Identify datum planes, datum points, and datum axis.

## Lesson 3 – Introduction to GD&T

- Explain the differences between coordinate tolerancing and geometric dimensioning and tolerancing.
- Interpret feature control frames.
- Use the 14 geometric characteristic controls.
- Identify GD&T modifying symbols

## Unit Test Challenge

- An assessment of the learner's progress in this unit.