



## PRINCIPLES OF MEASUREMENT AND METROLOGY TECHNIQUES



**Cost:**

£150 + VAT

**Duration:**

1 day

**Entry requirements:**

None required

**Overview:**

This course will cover:

- Measurement techniques and Principles
- Measurement Equipment purpose and applications
- Measurement Exercises
- Sources of data
- Recap and summar





## Assessments:

Observation and questioning

## Who is it for?

Anyone who is required to use measuring instruments as part of their role in a manufacturing environment.

## Aim:

A 1 day course covering the principles of measurement using a range of instruments commonly used in the Engineering industry.

## Method of delivery?

Lectures, demonstrations and practical exercises

## Objectives

On successful completion of the course delegates will be able to:

- Use a range of metric measuring techniques and identify the applications where they should be employed
- Use a range of metrology instruments including:
  - Vernier Scales
  - Micrometers
  - Slip gauges
  - Dial test indicators
  - Profiles using a shadow graph

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