



Strain gauges and measurements 3-day practical workshop

This three-day programme will cover the entire strain measurement process, from test specification through gauge installation to capturing good-quality data. There are three practical hands-on sessions where every attendee will install gauges and capture data. Applicable to all technicians, engineers and managers who may be required to specify or perform strain measurement in automotive, aerospace and biomedical through civil engineering, PCB and material testing applications. Attendees will leave the workshop with a range of skills and knowledge specific to their own industrial requirements.

The first two days cover all aspects of strain gauge installations and load measurement. The third day is a hands-on instrumentation workshop to capture data from a variety of tests to demonstrate best-practice, data interpretation and fault diagnosis.



Three-day workshop covers:

Strain gauge applications and case histories

Surface preparation and installation – hands-on practical

Leadwire attachment and gauge testing – hands-on practical

Load measurement – converting existing structures into load cells

Acquiring good data – analogue and digital domains

Data collection and strain analysis – hands-on practical

