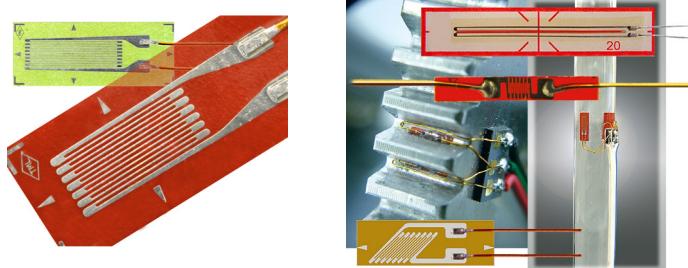


One-Day Intensive Strain Gauging Workshop

Covers Strain Gauge Selection and Applications, to Wiring and Measurement Techniques

This intensive full-day strain gauging workshop combines theoretical and practical skills of strain gauging. The course will provide technicians and engineers the necessary training to achieve the best possible results for their strain gauging applications.



Strain Gauge Basics & Fundamentals

- Error sources
- Gauge selection
- Resistance
- Materials applications
- Strain direction
- Size, Shape and Pattern
- Lead wire selection
- Poisson's ratio
- Gauge factor

Strain Gauge Applications with Practical Demonstrations

- Surface preparation
- Equipment
- Adhesives
- Protective Coating
- Lead wires
- Pre-attached lead wires
- Checklist
- Calibration
- Alignment test experiment

Wiring Techniques and Error Correction

- $\frac{1}{4}$ Wheatstone bridge
- $\frac{1}{2}$ Wheatstone bridge
- Full Wheatstone bridge
- 2,3,4 Lead wire connections
- Lead wire compensation
- Temperature compensation
- Error identifications and corrections
- Trouble-shooting

Date : Wednesday, 25 February 2026, 8:30am - 4pm

Location : JO 27.104, Edith Cowan University, 270 Joondalup Drive, Joondalup, WA 6027, Australia.

Cost : AUD\$1380.00 + GST per person

Company Purchase Order/ Credit Card/ EFT accepted

BESTECH
Sensors & Teaching Equipment

More Information:

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E: straingaugetraining@bestech.com.au
T: (03) 9540 5100

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