



HUMIDITY MEASUREMENT COURSE

This fully interactive course provides comprehensive information about the main concepts and practical techniques involved in measuring humidity in air and explains how to make such measurements accurately and consistently. The course is recommended for technicians keen to improve their skills and knowledge in humidity measurement and calibration.

Course Objectives

The course provides participants with knowledge and skills to:

- understand the concepts involved in humidity measurements
- know how to select and apply humidity instrumentation
- interpret measurement results and calculate required features
- recognise various sources of error that affect humidity measurements

Course Outline

The topics covered include:

- basic concepts, tables, charts and formulae
- humidity standards
- dew point meters and practical secondary standards
- hygrometers and some special problems in hygrometry
- humidity chambers
- general practical recommendations
- examples and calculations
- estimating measurement uncertainty¹



¹Participants with limited experience in estimating measurement uncertainty would benefit from first attending the [Introduction to Estimating Measurement Uncertainty course](#).

Past attendees have said...

"This course will help minimise the presence of sources of errors in RH measurement and assist in the selection of humidity standards"

"The practical demonstrations added clarity to the teaching materials"

Course Details

Dates / Venue

Available dates are on our [website](#).

Fee / Inclusions

Check the NMI [website](#) for the current pricing.

All classes include a copy of Monograph 8: Humidity and its measurement.

Face-to-face classes include lunch and refreshments

Time

Face-to-face course will start at 9 am and will finish by 5 pm

Online course is delivered in 2 sessions: 9 am – 12:00 pm and 1pm – 4:00 pm

Related Courses

Course name	Duration	Dates
Introduction to Estimating Measurement Uncertainty	1-day	See NMI website
Temperature measurement	3-day	See NMI website
Testing temperature-controlled enclosures	1-day	See NMI website
Pressure measurement	2-day	See NMI website

In-house Options

Training may be carried out at your premises for groups of 6+ on a fee for service basis.

Consultancies provide advice regarding specific measurement issues or training in advanced measurement techniques. More information is found on our [website](#).

Contact Us

Phone (02) 8467 3796, or send an email to training@measurement.gov.au. For more information about the National Measurement Institute, visit our [website](#).