



Introduction to Measurement Uncertainty Online programme

Session timings

Session times are:

Module 1: 09:30-12:30 GMT/BST

Module 2: 13:30-16:30 GMT/BST

Sessions will include a mixture of presentations, interactive exercises and practice calculations.

Training is delivered via MS Teams

Module	Topics
Module 1	<u>Introduction to measurement uncertainty: What and Why</u> <ul style="list-style-type: none">• Definition of measurement uncertainty• Why is uncertainty important?• General approach to estimating uncertainty• Accreditation requirements <u>Rules for converting and combining uncertainties</u> <ul style="list-style-type: none">• Definition of 'standard uncertainty'• Converting to standard uncertainties• Combining standard uncertainties• Calculating the expanded uncertainty
Module 2	<u>A practical approach to evaluating uncertainty</u> <ul style="list-style-type: none">• The 'top down' approach: using precision and bias data for measurement uncertainty• Using validation and quality control data in uncertainty estimation