



ONLINE CALIBRATION TRAINING

SCHEDULE 2021

No.	Course Title	Duration (Days)	Type	Fee/Pax (RM)	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec
1	Understanding Measurement and Calibration	1	Theory	500	14			15			15			14		
2	Measurement Uncertainty in Calibration	1	Theory	500		18			20			19			18	
3	Interpretation of Calibration Certificate	0.5	Theory	150			18			17			15			16

COURSE OUTLINE

No.	Course Title	Outline
1	Measurement and Calibration System	History of measurement Introduction to measurement and metrology International vocabulary of basic and general terms in metrology Importance of calibration Traceability and calibration measurement procedures Introduction to measurement uncertainty
2	Measurement Uncertainty	Introduction to measurement uncertainty Mathematical concepts of measurement uncertainty and evaluating the standard uncertainty Relationship between instrument tolerance, specification, error and measurement uncertainty Examples of fundamental calculation of measurement uncertainty
3	Understanding Calibration Certificate	Different calibration, verification, validation and manufacturer certificate Understanding accuracy, specification and maximum permissible error How to use calibration data (results, correction and error) Define calibration interval