



## LMQ-CATr-01 Course Outline

<b>Category:</b>	Conformity Assessment Bodies Courses
<b>Title:</b>	Measurement Uncertainty for Testing and Calibration Laboratories
<b>Target Group:</b>	Personnel of Accreditation Bodies and Testing/Calibration/Sampling/Medical Laboratories
<b>Duration:</b>	3 days
<b>Key Subjects Covered:</b>	<p>This course provides the essential knowledge to persons who need to understand, evaluate, utilize and assess the knowledge of measurement uncertainty in sampling, testing and calibration, including understanding the measurement system, identifying the sources of measurement uncertainty, quantifying the identified sources of uncertainty, combining the sources of uncertainty and to demonstrate how statements of uncertainty can be reported and how uncertainty may affect compliance with specifications.</p> <p>The course material is based on ISO/IEC Guide 98-3: "Uncertainty of measurement — Part 3: Guide to the expression of uncertainty in measurement (GUM: 1995)".</p>
<b>Course Structure:</b>	<ul style="list-style-type: none"><li>• Interactive and requires class participation both as individuals and in teams.</li><li>• Consists of exercises, case studies, syndicate work, presentations and practical training.</li></ul>
<b>Fees Per participant in AED</b>	3000