

## ISO/IEC 17025 - Certified Lead Auditor

### Course Outline



[www.gaqm.org](http://www.gaqm.org)

#### About ISO/IEC 17025 - Certified Lead Auditor Certification

ISO/IEC 17025 has been developed and agreed as the international laboratory management system standard.

This standard recognizes the importance of how competent individuals contribute to controlling measurement uncertainty through their interaction with measuring equipment. ISO/IEC 17025 provides a framework of good management practices for laboratories performing testing and calibration, but conforming to the standard does not guarantee operational excellence.

The best laboratories in the world not only seek accreditation to ISO/IEC 17025, they also develop their process-based management systems to ensure continual process improvement.

Laboratories develop, implement and continually improve their process-based management systems to ensure they understand, quantify, control and continually improve their measuring processes.

Laboratories carry out testing, calibration or both. Testing relies upon a measurement system using calibrated gauges to determine characteristics in relation to a target. Measurement uncertainty is quantified as the observed process variance attributed to the measuring system. The measuring system is the combined effort of controls, resources, information and material used to assign values to measured characteristics.

#### What Modules are covered?

##### Module Information - 1

Understand the ISO/IEC 17025 requirements.

Learn how to coordinate a quality management system audit against ISO/IEC 17025:2017.

Develop an understanding of the technical systems and issues of the accredited laboratory.

Obtain an overview of the principles and concepts of ISO 19011

Know how to collect audit evidence and document observations, including techniques for effective questioning and listening.

Learn how to report the findings and conclusions.

##### Module Information - 2

Learn how to coordinate a quality management system audit against ISO/IEC 17025:2017.

Develop an understanding of the technical systems and issues of the accredited laboratory.

Obtain an overview of the principles and concepts of ISO 19011

Know how to collect audit evidence and document observations, including techniques for effective questioning and listening.