



Fee

99,00 €

Final exam only

Course technical sheet

Lead Assessor / Lead Auditor ISO/IEC 17025 (Testing and calibration laboratories)

Course code

ISO17025_LA

Test duration

60 min

Passing score

70%

Issued

28/05/2026

Executive summary

The Lead Assessor / Lead Auditor ISO/IEC 17025 course is designed for professionals seeking advanced skills to conduct audits in testing and calibration laboratories according to the ISO/IEC 17025:2017 international standard. This training covers requirements related to management systems, technical competencies, and procedures for conformity assessment, focusing on sample identification, handling, and data integrity. Participants will learn to perform comprehensive audits addressing aspects such as impartiality, confidentiality, metrological traceability, nonconformity management, and corrective actions. Through case studies and practical exercises, candidates develop the ability to assess compliance with regulations and prepare detailed audit reports. The course also prepares attendees to effectively manage management reviews and root cause analysis during changes such as software upgrades or supplier modifications. This program provides a thorough understanding of responsibilities and methodologies to ensure the quality and reliability of testing and calibration activities across various laboratory contexts.

Certification process

- Registration or login to the Academy platform.
- Completion of the final course examination only. Any training or preparation may be completed externally or through other channels.
- The test questions refer to the objectives, skills and topics described in this technical sheet.
- Assessment of the result, possible validation and certificate issuance according to the rules applicable to the course.

Important note

On Academy, candidates take only the final course examination. Any training or preparation activity may be delivered externally or through other channels. The test questions refer to the topics described in this technical sheet and in the course syllabus summary.

Syllabus summary

ISO/IEC 17025; ISO 19011

Learning Objectives

- Understand the ISO/IEC 17025:2017 requirements for testing and calibration laboratories
- Develop skills to perform and manage audits as Lead Assessor
- Apply evaluation techniques for impartiality, confidentiality, and metrological traceability

Certification Bodies Management systems

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Skills Acquired

- Planning and executing audits per ISO/IEC 17025
- Analyzing objective evidence and preparing audit reports
- Managing nonconformities and follow-up on corrective actions

Target Audience

- Internal and lead auditors in laboratory environments
- Quality managers and laboratory technicians
- Consultants and professionals involved in certification processes

Prerequisites

- Basic knowledge of ISO standards
- Experience in laboratory or audit contexts

Program

- Introduction to ISO/IEC 17025 and ISO 19011
- Technical and managerial requirements for laboratories
- Audit methodologies and Lead Assessor's duties
- Case studies analysis and verification questionnaires

Teaching Method

- Lectures
- Practical exercises and audit simulations
- Real case discussions

Evaluation Method

- Final multiple-choice quiz with a 70% pass mark

Duration

- 60 minutes

Certification

- Certificate of completion (with an additional fee of €99)

Expected Outcomes

- Ability to conduct comprehensive audits compliant with ISO/IEC 17025
- Enhanced management of compliance and quality processes in laboratories