Garnet
Garnet Global Training Center

GGT-MT-114

Metrology, Calibration & Testing

Method Validation in Testing Labs

التحقق من الطرق في مختبرات الاختبار

Duration	Language	Formats	Hours	Level
5 or 10 days	**English or Arabic**	**Classroom, online, in-house**	**35 / 70**	**Intermediate (practitioner)**

Overview

Participants in Method Validation in Testing Labs practise the methods, tools and standards they need to perform reliably and solve problems on the job. Accurate measurement, calibration and laboratory competence for industry and regulators. It runs as a 5-day or 10-day program in English or Arabic, in classrooms in Dubai, Riyadh, Cairo, London, Istanbul and other cities, or live online, and can be delivered in-house.

What you will be able to do

- Apply the methods and standards of Method Validation in Testing Labs to real tasks.
- Follow safe, compliant and documented work practices.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.
- Use the right tools, checks and calculations step by step.

Who should attend

Calibration and test lab staff, quality engineers, instrument technicians and lab managers. Practitioners with one to five years of experience benefit most.

Key topics

- Measurement principles
- Traceability and standards
- Uncertainty
- Calibration procedures
- ISO/IEC 17025 requirements
- Proficiency testing

Formats and fees

5-day classroom	**USD 4,750**
5-day online	**USD 2,950**
10-day classroom	**USD 8,950**
10-day online	**USD 5,450**
In-house	**Quotation per group**

Fees per participant, excluding VAT.

Register or ask

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Email: info@garnettrainings.com

Training: training@garnettrainings.com

Web: garnettrainings.com

Sharjah Publishing City Free Zone, Sharjah, UAE

Certificate

Participants who attend at least 90% of sessions and complete the final assessment receive a certificate of completion stating 35 contact hours (5-day) or 70 contact hours (10-day).

5-day outline

Day 1 Method Validation in Testing Labs: principles and standards

- Calibration procedures
- Group discussion and peer review

Day 2 Methods and tools in practice

- ISO/IEC 17025 requirements
- Proficiency testing

Day 3 Diagnosis and problem solving

- Measurement principles
- Measurement and reporting

Day 4 Quality, safety and documentation

- Traceability and standards
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- Uncertainty
- Common mistakes and how to avoid them

10-day outline

Day 1 Method Validation in Testing Labs: principles and standards

- Calibration procedures
- Group discussion and peer review

Day 2 Methods and tools in practice

- ISO/IEC 17025 requirements
- Proficiency testing

Day 3 Diagnosis and problem solving

- Measurement principles
- Measurement and reporting

Day 4 Quality, safety and documentation

- Traceability and standards
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- Uncertainty
- Common mistakes and how to avoid them

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Regional and international case studies

Day 7 Digital tools, data and automation

- Analysis tools and software
- Using AI in this field

Day 8 Benchmarking against international practice

- Global performance benchmarks
- Checklists and templates to take away

Day 9 Capstone project

- Analyse a real challenge from your organisation
- Build the solution and implementation plan

Day 10 Presentations, final assessment and certificates

- Project presentations and review
- Final exam and certificate award

Schedule 2027–2030

Dates	Format	City	Language	Fee (USD)
1–12 Feb 2027	10-day classroom	Casablanca	Arabic	8,950
1–5 Mar 2027	5-day online	Live online	Arabic	2,950
17–21 Oct 2027	5-day classroom	Doha	English	4,750
19–23 Dec 2027	5-day classroom	Cairo	Arabic	4,750
7–11 Aug 2028	5-day classroom	Istanbul	English	4,750
4–15 Sep 2028	10-day classroom	London	English	8,950
9–13 Oct 2028	5-day classroom	Barcelona	English	4,750
6–17 Nov 2028	10-day online	Live online	Arabic	5,450
5–16 Mar 2029	10-day classroom	Kuala Lumpur	English	8,950

Dates	Format	City	Language	Fee (USD)
18–22 Jun 2029	5-day classroom	London	English	4,750
6–10 Aug 2029	5-day online	Live online	English	2,950
1–5 Oct 2029	5-day classroom	Dubai	English	4,750
15–26 Apr 2030	10-day classroom	Abu Dhabi	Arabic	8,950
8–12 Jul 2030	5-day classroom	Istanbul	English	4,750
2–6 Sep 2030	5-day classroom	Dubai	Arabic	4,750
2–13 Dec 2030	10-day online	Live online	Arabic	5,450

Customised and in-house versions of this course are available on request. garnettrainings.com/en/customise/