Garnet
Garnet Global Training Center

GGT-MT-113

Metrology, Calibration & Testing **Rare specialisation**

Legal Metrology

المترولوجيا القانونية

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

Overview

Participants in Legal Metrology 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 Legal Metrology to real tasks.
- Use the right tools, checks and calculations step by step.
- Diagnose common problems and identify root causes.
- Interpret data and results correctly and act on them.
- Follow safe, compliant and documented work practices.

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

WhatsApp: +971 56 674 7382

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 Legal Metrology: principles and standards
- Uncertainty
- Checklists and templates to take away

Day 2 Methods and tools in practice
- Calibration procedures
- ISO/IEC 17025 requirements

Day 3 Diagnosis and problem solving
- Proficiency testing
- Group discussion and peer review

Day 4 Quality, safety and documentation
- Measurement principles
- Measurement and reporting

Day 5 Workshop, assessment and action plan
- Traceability and standards
- Hands-on workshop on a workplace challenge

10-day outline

Day 1 Legal Metrology: principles and standards
- Uncertainty
- Checklists and templates to take away

Day 2 Methods and tools in practice
- Calibration procedures
- ISO/IEC 17025 requirements

Day 3 Diagnosis and problem solving
- Proficiency testing
- Group discussion and peer review

Day 4 Quality, safety and documentation
- Measurement principles
- Measurement and reporting

Day 5 Workshop, assessment and action plan
- Traceability and standards
- Hands-on workshop on a workplace challenge

Day 6 Advanced techniques and specialist practice
- Complex cases in depth
- Common mistakes and how to avoid them

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
- Regional and international case studies

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)
18–22 Jan 2027	5-day classroom	Casablanca	English	4,750
8–12 Feb 2027	5-day classroom	London	English	4,750
5–16 Apr 2027	10-day classroom	Dubai	Arabic	8,950
10–14 May 2027	5-day online	Live online	English	2,950
3–14 Jan 2028	10-day classroom	Dubai	Arabic	8,950
17–21 Apr 2028	5-day classroom	Barcelona	English	4,750
17–28 Jul 2028	10-day online	Live online	English	5,450
18–22 Sep 2028	5-day classroom	Amsterdam	English	4,750
18 Feb – 1 Mar 2029	10-day classroom	Jeddah	Arabic	8,950
12–16 Mar 2029	5-day classroom	Dubai	Arabic	4,750

Dates	Format	City	Language	Fee (USD)
11–15 Jun 2029	5-day classroom	Kuala Lumpur	English	4,750
19–23 Nov 2029	5-day online	Live online	Arabic	2,950
18 Feb – 1 Mar 2030	10-day online	Live online	English	5,450
18–22 Mar 2030	5-day classroom	London	English	4,750
6–17 Oct 2030	10-day classroom	Cairo	English	8,950
18–22 Nov 2030	5-day classroom	Casablanca	English	4,750

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