Garnet
Garnet Global Training Center

GGT-MT-125

Metrology, Calibration & Testing

Standards Development & Standardisation

إعداد المواصفات والتقييس

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

Overview

Standards Development & Standardisation focuses on how the work is actually done: the methods, checks and decisions practitioners use every day, illustrated with real cases from the region. 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 Standards Development & Standardisation to real tasks.
- Interpret data and results correctly and act on them.
- Follow safe, compliant and documented work practices.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.

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 Standards Development & Standardisation: principles and standards

- Uncertainty
- Group discussion and peer review

Day 2 Methods and tools in practice

- Calibration procedures
- ISO/IEC 17025 requirements

Day 3 Diagnosis and problem solving

- Proficiency testing
- Measurement and reporting

Day 4 Quality, safety and documentation

- Measurement principles
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- Traceability and standards
- Common mistakes and how to avoid them

10-day outline

Day 1 Standards Development & Standardisation: principles and standards

- Uncertainty
- Group discussion and peer review

Day 2 Methods and tools in practice

- Calibration procedures
- ISO/IEC 17025 requirements

Day 3 Diagnosis and problem solving

- Proficiency testing
- Measurement and reporting

Day 4 Quality, safety and documentation

- Measurement principles
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- Traceability and standards
- 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)
1–5 Feb 2027	5-day classroom	Barcelona	English	4,750
5–9 Apr 2027	5-day classroom	London	English	4,750
7–11 Jun 2027	5-day online	Live online	English	2,950
5–16 Dec 2027	10-day classroom	Riyadh	English	8,950
10–21 Jul 2028	10-day online	Live online	Arabic	5,450
6–10 Aug 2028	5-day classroom	Cairo	Arabic	4,750
1–5 Oct 2028	5-day classroom	Muscat	English	4,750
19–30 Nov 2028	10-day classroom	Riyadh	English	8,950
11–15 Jun 2029	5-day online	Live online	English	2,950

Dates	Format	City	Language	Fee (USD)
19–30 Aug 2029	10-day classroom	Manama	English	8,950
12–16 Nov 2029	5-day classroom	London	English	4,750
10–14 Dec 2029	5-day classroom	Dubai	English	4,750
13–17 Jan 2030	5-day classroom	Riyadh	Arabic	4,750
18–22 Mar 2030	5-day classroom	Amsterdam	English	4,750
21 Oct – 1 Nov 2030	10-day online	Live online	English	5,450
11–22 Nov 2030	10-day classroom	Dubai	Arabic	8,950

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