Garnet
Garnet Global Training Center

GGT-MT-107

Metrology, Calibration & Testing

Temperature Calibration

معايرة الحرارة

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

Overview

Participants in Temperature Calibration 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. Choose 5 or 10 days, classroom or live online, English or Arabic; organisations can also run it in-house and adapt the examples to their own work.

What you will be able to do

- Apply the methods and standards of Temperature Calibration to real tasks.
- 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.
- Diagnose common problems and identify root causes.

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 Temperature Calibration: principles and standards

- Proficiency testing
- Group discussion and peer review

Day 2 Methods and tools in practice

- Measurement principles
- Traceability and standards

Day 3 Diagnosis and problem solving

- Uncertainty
- Measurement and reporting

Day 4 Quality, safety and documentation

- Calibration procedures
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- ISO/IEC 17025 requirements
- Common mistakes and how to avoid them

10-day outline

Day 1 Temperature Calibration: principles and standards

- Proficiency testing
- Group discussion and peer review

Day 2 Methods and tools in practice

- Measurement principles
- Traceability and standards

Day 3 Diagnosis and problem solving

- Uncertainty
- Measurement and reporting

Day 4 Quality, safety and documentation

- Calibration procedures
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- ISO/IEC 17025 requirements
- 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)
11–22 Apr 2027	10-day classroom	Manama	Arabic	8,950
7–11 Jun 2027	5-day classroom	London	English	4,750
7–11 Nov 2027	5-day classroom	Muscat	English	4,750
6–10 Dec 2027	5-day online	Live online	Arabic	2,950
6–10 Mar 2028	5-day classroom	Abu Dhabi	English	4,750
3–14 Apr 2028	10-day online	Live online	Arabic	5,450
21 Aug – 1 Sep 2028	10-day classroom	Istanbul	English	8,950
2–6 Oct 2028	5-day classroom	Dubai	Arabic	4,750
11–22 Feb 2029	10-day classroom	Cairo	Arabic	8,950

Dates	Format	City	Language	Fee (USD)
13–17 May 2029	5-day classroom	Muscat	English	4,750
4–8 Jun 2029	5-day classroom	Paris	English	4,750
2–6 Jul 2029	5-day online	Live online	English	2,950
6–10 Jan 2030	5-day classroom	Jeddah	English	4,750
14–18 Apr 2030	5-day classroom	Doha	Arabic	4,750
1–12 Jul 2030	10-day classroom	Casablanca	English	8,950
2–13 Sep 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/