Garnet
Garnet Global Training Center

GGT-MT-104

Metrology, Calibration & Testing

Calibration Management Systems

أنظمة إدارة المعايرة

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

Overview

Calibration Management Systems equips managers and specialists to plan, organise and control this area of work, set targets and measure results. 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

- Set up and run Calibration Management Systems as a managed process with clear roles.
- Lead improvement projects and measure their benefit.
- Report clearly to senior management and stakeholders.
- Manage contractors, suppliers and internal customers.
- Plan resources, budgets and schedules realistically.

Who should attend

Calibration and test lab staff, quality engineers, instrument technicians and lab managers. It suits supervisors, section heads and specialists who manage, or are about to manage, this area.

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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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 Calibration Management Systems: the management framework

- Calibration procedures
- Measurement and reporting

Day 2 Planning, resources and budgets

- ISO/IEC 17025 requirements
- Proficiency testing

Day 3 Performance measurement and control

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

Day 4 Risk, compliance and improvement

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

Day 5 Management case study and action plan

- Uncertainty
- Regional and international case studies

10-day outline

Day 1 Calibration Management Systems: the management framework

- Calibration procedures
- Measurement and reporting

Day 2 Planning, resources and budgets

- ISO/IEC 17025 requirements
- Proficiency testing

Day 3 Performance measurement and control

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

Day 4 Risk, compliance and improvement

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

Day 5 Management case study and action plan

- Uncertainty
- Regional and international case studies

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Checklists and templates to take away

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
- Group discussion and peer review

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)
11–15 Jan 2027	5-day online	Live online	Arabic	2,950
10–14 May 2027	5-day classroom	Paris	English	4,750
19–30 Sep 2027	10-day classroom	Jeddah	Arabic	8,950
3–7 Oct 2027	5-day classroom	Cairo	Arabic	4,750
14–25 Feb 2028	10-day online	Live online	English	5,450
11–22 Jun 2028	10-day classroom	Cairo	English	8,950
17–21 Jul 2028	5-day classroom	Casablanca	English	4,750
10–14 Sep 2028	5-day classroom	Amman	English	4,750
16–27 Apr 2029	10-day classroom	Dubai	Arabic	8,950

Dates	Format	City	Language	Fee (USD)
14–18 May 2029	5-day classroom	London	English	4,750
3–7 Sep 2029	5-day online	Live online	English	2,950
8–12 Oct 2029	5-day classroom	Casablanca	English	4,750
15–26 Jul 2030	10-day online	Live online	Arabic	5,450
19–30 Aug 2030	10-day classroom	Amsterdam	English	8,950
11–15 Nov 2030	5-day classroom	Abu Dhabi	Arabic	4,750
2–6 Dec 2030	5-day classroom	Dubai	Arabic	4,750

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