Garnet
Garnet Global Training Center

GGT-MT-120

Metrology, Calibration & Testing

Laboratory Information Management Systems

أنظمة إدارة معلومات المختبرات

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

Overview

Laboratory Information 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. You can join a public session in one of 20 cities or live online, in English or Arabic, or bring the course in-house with examples from your own operations.

What you will be able to do

- Set up and run Laboratory Information Management Systems as a managed process with clear roles.
- Manage contractors, suppliers and internal customers.
- Plan resources, budgets and schedules realistically.
- Define KPIs and build simple dashboards for management.
- Control risk, quality and compliance in this area.

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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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 Laboratory Information Management Systems: the management framework

- Proficiency testing
- Group discussion and peer review

Day 2 Planning, resources and budgets

- Measurement principles
- Traceability and standards

Day 3 Performance measurement and control

- Uncertainty
- Measurement and reporting

Day 4 Risk, compliance and improvement

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

Day 5 Management case study and action plan

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

10-day outline

Day 1 Laboratory Information Management Systems: the management framework

- Proficiency testing
- Group discussion and peer review

Day 2 Planning, resources and budgets

- Measurement principles
- Traceability and standards

Day 3 Performance measurement and control

- Uncertainty
- Measurement and reporting

Day 4 Risk, compliance and improvement

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

Day 5 Management case study 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)
4–8 Apr 2027	5-day classroom	Riyadh	Arabic	4,750
5–9 Jul 2027	5-day classroom	Geneva	English	4,750
13–24 Sep 2027	10-day classroom	Dubai	English	8,950
18–22 Oct 2027	5-day online	Live online	Arabic	2,950
10–21 Jan 2028	10-day online	Live online	Arabic	5,450
1–5 May 2028	5-day classroom	Dubai	English	4,750
13–24 Nov 2028	10-day classroom	Istanbul	English	8,950
10–14 Dec 2028	5-day classroom	Riyadh	Arabic	4,750
15–19 Jan 2029	5-day online	Live online	English	2,950

Dates	Format	City	Language	Fee (USD)
11–22 Mar 2029	10-day classroom	Riyadh	Arabic	8,950
21–25 May 2029	5-day classroom	Dubai	Arabic	4,750
15–19 Jul 2029	5-day classroom	Doha	English	4,750
18–29 Mar 2030	10-day online	Live online	English	5,450
13–17 May 2030	5-day classroom	Dubai	Arabic	4,750
9–13 Jun 2030	5-day classroom	Cairo	English	4,750
11–22 Nov 2030	10-day classroom	Casablanca	English	8,950

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