Garnet
Garnet Global Training Center

GGT-MM-119

Mechanical, Maintenance & Reliability

Preventive & Predictive Maintenance

الصيانة الوقائية والتنبؤية

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

Overview

Participants in Preventive & Predictive Maintenance practise the methods, tools and standards they need to perform reliably and solve problems on the job. Keep equipment running longer, fail less and plan maintenance on evidence instead of habit. 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

- Apply the methods and standards of Preventive & Predictive Maintenance to real tasks.
- Follow safe, compliant and documented work practices.
- 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.

Who should attend

Mechanical and maintenance engineers, reliability specialists, planners and workshop supervisors. Practitioners with one to five years of experience benefit most.

Key topics

- Failure modes and degradation mechanisms
- Condition monitoring techniques
- Maintenance strategy and planning
- Spare parts and work order discipline
- Reliability metrics: MTBF, MTTR, OEE
- CMMS data and continuous improvement

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 Preventive & Predictive Maintenance: principles and standards
- Maintenance strategy and planning
- Measurement and reporting

Day 2 Methods and tools in practice
- Spare parts and work order discipline
- Reliability metrics: MTBF, MTTR, OEE

Day 3 Diagnosis and problem solving
- CMMS data and continuous improvement
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation
- Failure modes and degradation mechanisms
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan
- Condition monitoring techniques
- Regional and international case studies

10-day outline

Day 1 Preventive & Predictive Maintenance: principles and standards
- Maintenance strategy and planning
- Measurement and reporting

Day 2 Methods and tools in practice
- Spare parts and work order discipline
- Reliability metrics: MTBF, MTTR, OEE

Day 3 Diagnosis and problem solving
- CMMS data and continuous improvement
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation
- Failure modes and degradation mechanisms
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan
- Condition monitoring techniques
- 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)
21 Mar – 1 Apr 2027	10-day classroom	Doha	Arabic	8,950
19–23 Jul 2027	5-day classroom	Abu Dhabi	Arabic	4,750
20–24 Sep 2027	5-day classroom	Casablanca	English	4,750
18–22 Oct 2027	5-day online	Live online	Arabic	2,950
17–21 Jan 2028	5-day classroom	London	English	4,750
5–9 Mar 2028	5-day classroom	Riyadh	English	4,750
10–21 Jul 2028	10-day online	Live online	Arabic	5,450
4–15 Sep 2028	10-day classroom	Amsterdam	English	8,950
9–13 Apr 2029	5-day online	Live online	English	2,950

Dates	Format	City	Language	Fee (USD)
7–11 May 2029	5-day classroom	Abu Dhabi	English	4,750
2–6 Jul 2029	5-day classroom	London	English	4,750
10–21 Dec 2029	10-day classroom	Barcelona	English	8,950
11–15 Mar 2030	5-day classroom	Kuala Lumpur	English	4,750
15–26 Apr 2030	10-day classroom	Singapore	English	8,950
20–24 Oct 2030	5-day classroom	Jeddah	English	4,750
9–20 Dec 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/