Garnet
Garnet Global Training Center

GGT-MM-103

Mechanical, Maintenance & Reliability

Reliability Centered Maintenance (RCM)

الصيانة المرتكزة على الاعتمادية (RCM)

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

Overview

Reliability Centered Maintenance (RCM) focuses on how the work is actually done: the methods, checks and decisions practitioners use every day, illustrated with real cases from the region. Keep equipment running longer, fail less and plan maintenance on evidence instead of habit. 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 Reliability Centered Maintenance (RCM) to real tasks.
- Share good practice with your team.
- Use the right tools, checks and calculations step by step.
- Diagnose common problems and identify root causes.
- Interpret data and results correctly and act on them.

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

WhatsApp: +971 56 674 7382

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 Reliability Centered Maintenance (RCM): principles and standards

- Failure modes and degradation mechanisms
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Condition monitoring techniques
- Maintenance strategy and planning

Day 3 Diagnosis and problem solving

- Spare parts and work order discipline
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Reliability metrics: MTBF, MTTR, OEE
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- CMMS data and continuous improvement
- Checklists and templates to take away

10-day outline

Day 1 Reliability Centered Maintenance (RCM): principles and standards

- Failure modes and degradation mechanisms
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Condition monitoring techniques
- Maintenance strategy and planning

Day 3 Diagnosis and problem solving

- Spare parts and work order discipline
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Reliability metrics: MTBF, MTTR, OEE
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- CMMS data and continuous improvement
- Checklists and templates to take away

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Group discussion and peer review

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
- Measurement and reporting

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)
7–11 Mar 2027	5-day classroom	Cairo	Arabic	4,750
5–9 Apr 2027	5-day classroom	Istanbul	English	4,750
19–30 Sep 2027	10-day classroom	Manama	English	8,950
1–5 Nov 2027	5-day online	Live online	English	2,950
17–28 Jan 2028	10-day online	Live online	Arabic	5,450
6–17 Feb 2028	10-day classroom	Riyadh	Arabic	8,950
1–5 May 2028	5-day classroom	Singapore	English	4,750
9–13 Oct 2028	5-day classroom	Geneva	English	4,750
15–19 Jan 2029	5-day classroom	Dubai	Arabic	4,750

Dates	Format	City	Language	Fee (USD)
21–25 Oct 2029	5-day classroom	Manama	English	4,750
19–23 Nov 2029	5-day online	Live online	Arabic	2,950
10–21 Dec 2029	10-day classroom	Casablanca	Arabic	8,950
13–24 May 2030	10-day classroom	Paris	English	8,950
5–9 Aug 2030	5-day classroom	Dubai	English	4,750
20–24 Oct 2030	5-day classroom	Jeddah	Arabic	4,750
11–22 Nov 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/