Garnet
Garnet Global Training Center

GGT-MM-125

Mechanical, Maintenance & Reliability

Mechanical Workshop Practices & Machining

ممارسات الورش الميكانيكية والتشغيل الآلي

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

Overview

Mechanical Workshop Practices & Machining 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 Mechanical Workshop Practices & Machining to real tasks.
- Interpret data and results correctly and act on them.
- Follow safe, compliant and documented work practices.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.

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 Mechanical Workshop Practices & Machining: principles and standards

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

Day 2 Methods and tools in practice

- Reliability metrics: MTBF, MTTR, OEE
- CMMS data and continuous improvement

Day 3 Diagnosis and problem solving

- Failure modes and degradation mechanisms
- Regional and international case studies

Day 4 Quality, safety and documentation

- Condition monitoring techniques
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan

- Maintenance strategy and planning
- Group discussion and peer review

10-day outline

Day 1 Mechanical Workshop Practices & Machining: principles and standards

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

Day 2 Methods and tools in practice

- Reliability metrics: MTBF, MTTR, OEE
- CMMS data and continuous improvement

Day 3 Diagnosis and problem solving

- Failure modes and degradation mechanisms
- Regional and international case studies

Day 4 Quality, safety and documentation

- Condition monitoring techniques
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan

- Maintenance strategy and planning
- Group discussion and peer review

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Measurement and reporting

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
- Hands-on workshop on a workplace challenge

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 classroom	Geneva	English	4,750
21–25 Mar 2027	5-day classroom	Amman	Arabic	4,750
12–16 Jul 2027	5-day online	Live online	English	2,950
5–16 Sep 2027	10-day classroom	Kuwait City	English	8,950
16–20 Apr 2028	5-day classroom	Riyadh	Arabic	4,750
8–19 May 2028	10-day online	Live online	Arabic	5,450
16–27 Jul 2028	10-day classroom	Muscat	Arabic	8,950
11–15 Sep 2028	5-day classroom	Dubai	Arabic	4,750
15–19 Apr 2029	5-day classroom	Jeddah	English	4,750

Dates	Format	City	Language	Fee (USD)
13–17 Aug 2029	5-day online	Live online	Arabic	2,950
7–11 Oct 2029	5-day classroom	Doha	English	4,750
19–30 Nov 2029	10-day classroom	London	English	8,950
3–7 Mar 2030	5-day classroom	Muscat	English	4,750
19–30 Aug 2030	10-day online	Live online	Arabic	5,450
2–6 Sep 2030	5-day classroom	Paris	English	4,750
13–24 Oct 2030	10-day classroom	Doha	Arabic	8,950

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