Garnet
Garnet Global Training Center

GGT-MM-131

Mechanical, Maintenance & Reliability **Rare specialisation**

Weibull Analysis & Life Data

تحليل ويبل وبيانات العمر

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

Overview

Weibull Analysis & Life Data turns established good practice into step-by-step methods that participants rehearse in exercises and then apply at work. Keep equipment running longer, fail less and plan maintenance on evidence instead of habit. It runs as a 5-day or 10-day program in English or Arabic, in classrooms in Dubai, Riyadh, Cairo, London, Istanbul and other cities, or live online, and can be delivered in-house.

What you will be able to do

- Apply the methods and standards of Weibull Analysis & Life Data 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 Weibull Analysis & Life Data: principles and standards

- Condition monitoring techniques
- Measurement and reporting

Day 2 Methods and tools in practice

- Maintenance strategy and planning
- Spare parts and work order discipline

Day 3 Diagnosis and problem solving

- Reliability metrics: MTBF, MTTR, OEE
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation

- CMMS data and continuous improvement
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

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

10-day outline

Day 1 Weibull Analysis & Life Data: principles and standards

- Condition monitoring techniques
- Measurement and reporting

Day 2 Methods and tools in practice

- Maintenance strategy and planning
- Spare parts and work order discipline

Day 3 Diagnosis and problem solving

- Reliability metrics: MTBF, MTTR, OEE
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation

- CMMS data and continuous improvement
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

- Failure modes and degradation mechanisms
- 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)
15–19 Feb 2027	5-day classroom	Barcelona	English	4,750
19–23 Apr 2027	5-day classroom	Vienna	English	4,750
19–23 Jul 2027	5-day online	Live online	Arabic	2,950
18–29 Oct 2027	10-day classroom	Dubai	Arabic	8,950
15–19 May 2028	5-day classroom	London	English	4,750
12–23 Jun 2028	10-day online	Live online	Arabic	5,450
17–21 Jul 2028	5-day classroom	Dubai	English	4,750
11–22 Sep 2028	10-day classroom	Barcelona	English	8,950
19–23 Feb 2029	5-day online	Live online	English	2,950

Dates	Format	City	Language	Fee (USD)
9–20 Apr 2029	10-day classroom	Geneva	English	8,950
15–19 Jul 2029	5-day classroom	Manama	Arabic	4,750
9–13 Sep 2029	5-day classroom	Amman	English	4,750
18–29 Mar 2030	10-day online	Live online	Arabic	5,450
8–12 Apr 2030	5-day classroom	Dubai	Arabic	4,750
5–16 May 2030	10-day classroom	Cairo	English	8,950
8–12 Jul 2030	5-day classroom	Barcelona	English	4,750

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