Garnet
Garnet Global Training Center

GGT-MF-126

Manufacturing & Industrial Engineering

Factory Energy Management

إدارة الطاقة في المصانع

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

Overview

This program treats Factory Energy Management as a managed system: policies, roles, resources, performance indicators and continual improvement. Run productive, high-quality factories with lean methods, planning and modern manufacturing technology. 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

- Set up and run Factory Energy Management as a managed process with clear roles.
- Plan resources, budgets and schedules realistically.
- Define KPIs and build simple dashboards for management.
- Control risk, quality and compliance in this area.
- Lead improvement projects and measure their benefit.

Who should attend

Production managers, industrial and manufacturing engineers, plant supervisors. It suits supervisors, section heads and specialists who manage, or are about to manage, this area.

Key topics

- Production systems
- Lean and waste reduction
- Planning and scheduling
- Quality at source
- Automation and Industry 4.0
- Productivity measurement

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 Factory Energy Management: the management framework

- Quality at source
- Regional and international case studies

Day 2 Planning, resources and budgets

- Automation and Industry 4.0
- Productivity measurement

Day 3 Performance measurement and control

- Production systems
- Checklists and templates to take away

Day 4 Risk, compliance and improvement

- Lean and waste reduction
- Group discussion and peer review

Day 5 Management case study and action plan

- Planning and scheduling
- Measurement and reporting

10-day outline

Day 1 Factory Energy Management: the management framework

- Quality at source
- Regional and international case studies

Day 2 Planning, resources and budgets

- Automation and Industry 4.0
- Productivity measurement

Day 3 Performance measurement and control

- Production systems
- Checklists and templates to take away

Day 4 Risk, compliance and improvement

- Lean and waste reduction
- Group discussion and peer review

Day 5 Management case study and action plan

- Planning and scheduling
- Measurement and reporting

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Hands-on workshop on a workplace challenge

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
- Common mistakes and how to avoid them

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 Jan 2027	5-day online	Live online	English	2,950
15–19 Feb 2027	5-day classroom	Amsterdam	English	4,750
2–6 Aug 2027	5-day classroom	Casablanca	Arabic	4,750
4–15 Oct 2027	10-day classroom	Dubai	Arabic	8,950
2–6 Apr 2028	5-day classroom	Doha	Arabic	4,750
17–28 Jul 2028	10-day classroom	Amsterdam	English	8,950
14–18 Aug 2028	5-day classroom	Istanbul	English	4,750
9–20 Oct 2028	10-day online	Live online	Arabic	5,450
12–16 Feb 2029	5-day online	Live online	Arabic	2,950

Dates	Format	City	Language	Fee (USD)
14–18 Oct 2029	5-day classroom	Riyadh	Arabic	4,750
11–15 Nov 2029	5-day classroom	Muscat	Arabic	4,750
3–14 Dec 2029	10-day classroom	Dubai	English	8,950
18 Feb – 1 Mar 2030	10-day online	Live online	English	5,450
18–22 Mar 2030	5-day classroom	Istanbul	English	4,750
1–12 Jul 2030	10-day classroom	Barcelona	English	8,950
2–6 Dec 2030	5-day classroom	Abu Dhabi	English	4,750

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