Garnet
Garnet Global Training Center

GGT-MF-109

Manufacturing & Industrial Engineering

Plant Layout & Facility Design

تخطيط المصانع وتصميم المرافق

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

Overview

Participants in Plant Layout & Facility Design practise the methods, tools and standards they need to perform reliably and solve problems on the job. Run productive, high-quality factories with lean methods, planning and modern manufacturing technology. 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 Plant Layout & Facility Design 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

Production managers, industrial and manufacturing engineers, plant supervisors. Practitioners with one to five years of experience benefit most.

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

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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 Plant Layout & Facility Design: principles and standards

- Automation and Industry 4.0
- Measurement and reporting

Day 2 Methods and tools in practice

- Productivity measurement
- Production systems

Day 3 Diagnosis and problem solving

- Lean and waste reduction
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation

- Planning and scheduling
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

- Quality at source
- Regional and international case studies

10-day outline

Day 1 Plant Layout & Facility Design: principles and standards

- Automation and Industry 4.0
- Measurement and reporting

Day 2 Methods and tools in practice

- Productivity measurement
- Production systems

Day 3 Diagnosis and problem solving

- Lean and waste reduction
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation

- Planning and scheduling
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

- Quality at source
- 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)
12–16 Apr 2027	5-day classroom	London	English	4,750
17–21 May 2027	5-day classroom	Abu Dhabi	English	4,750
4–8 Oct 2027	5-day online	Live online	English	2,950
20–31 Dec 2027	10-day classroom	Barcelona	English	8,950
17–21 Jan 2028	5-day classroom	Barcelona	English	4,750
13–24 Aug 2028	10-day classroom	Riyadh	English	8,950
17–21 Sep 2028	5-day classroom	Jeddah	Arabic	4,750
9–20 Oct 2028	10-day online	Live online	Arabic	5,450
2–6 Jul 2029	5-day classroom	Dubai	Arabic	4,750

Dates	Format	City	Language	Fee (USD)
6–17 Aug 2029	10-day classroom	London	English	8,950
5–9 Nov 2029	5-day online	Live online	English	2,950
16–20 Dec 2029	5-day classroom	Riyadh	English	4,750
18 Feb – 1 Mar 2030	10-day online	Live online	Arabic	5,450
6–10 May 2030	5-day classroom	Amsterdam	English	4,750
2–13 Jun 2030	10-day classroom	Amman	English	8,950
12–16 Aug 2030	5-day classroom	Singapore	English	4,750

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