Garnet
Garnet Global Training Center

GGT-MF-122

Manufacturing & Industrial Engineering

Product Design & Development

تصميم المنتجات وتطويرها

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

Overview

Participants in Product Design & Development 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. You can join a public session in one of 20 cities or live online, in English or Arabic, or bring the course in-house with examples from your own operations.

What you will be able to do

- Apply the methods and standards of Product Design & Development 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

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 Product Design & Development: principles and standards

- Lean and waste reduction
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice

- Planning and scheduling
- Quality at source

Day 3 Diagnosis and problem solving

- Automation and Industry 4.0
- Regional and international case studies

Day 4 Quality, safety and documentation

- Productivity measurement
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan

- Production systems
- Group discussion and peer review

10-day outline

Day 1 Product Design & Development: principles and standards

- Lean and waste reduction
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice

- Planning and scheduling
- Quality at source

Day 3 Diagnosis and problem solving

- Automation and Industry 4.0
- Regional and international case studies

Day 4 Quality, safety and documentation

- Productivity measurement
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan

- Production systems
- 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)
18–22 Jan 2027	5-day online	Live online	Arabic	2,950
16–20 May 2027	5-day classroom	Doha	English	4,750
7–11 Nov 2027	5-day classroom	Jeddah	Arabic	4,750
13–24 Dec 2027	10-day classroom	London	English	8,950
14–18 Feb 2028	5-day classroom	Dubai	English	4,750
10–21 Jul 2028	10-day online	Live online	Arabic	5,450
20 Nov – 1 Dec 2028	10-day classroom	Abu Dhabi	English	8,950
11–15 Dec 2028	5-day classroom	London	English	4,750
8–12 Jan 2029	5-day classroom	Paris	English	4,750

Dates	Format	City	Language	Fee (USD)
9–13 Apr 2029	5-day classroom	Abu Dhabi	English	4,750
9–20 Sep 2029	10-day classroom	Muscat	Arabic	8,950
5–9 Nov 2029	5-day online	Live online	English	2,950
21–25 Jan 2030	5-day classroom	Dubai	Arabic	4,750
8–19 Apr 2030	10-day classroom	Kuala Lumpur	English	8,950
8–19 Jul 2030	10-day online	Live online	Arabic	5,450
11–15 Nov 2030	5-day classroom	London	English	4,750

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