Garnet
Garnet Global Training Center

GGT-MF-102

Manufacturing & Industrial Engineering

Lean Manufacturing

التصنيع الرشيق

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

Overview

Lean Manufacturing turns established good practice into step-by-step methods that participants rehearse in exercises and then apply at work. 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 Lean Manufacturing to real tasks.
- Use the right tools, checks and calculations step by step.
- Diagnose common problems and identify root causes.
- Interpret data and results correctly and act on them.
- Follow safe, compliant and documented work practices.

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 Lean Manufacturing: principles and standards
- Automation and Industry 4.0
- Regional and international case studies

Day 2 Methods and tools in practice
- Productivity measurement
- Production systems

Day 3 Diagnosis and problem solving
- Lean and waste reduction
- Checklists and templates to take away

Day 4 Quality, safety and documentation
- Planning and scheduling
- Group discussion and peer review

Day 5 Workshop, assessment and action plan
- Quality at source
- Measurement and reporting

10-day outline

Day 1 Lean Manufacturing: principles and standards
- Automation and Industry 4.0
- Regional and international case studies

Day 2 Methods and tools in practice
- Productivity measurement
- Production systems

Day 3 Diagnosis and problem solving
- Lean and waste reduction
- Checklists and templates to take away

Day 4 Quality, safety and documentation
- Planning and scheduling
- Group discussion and peer review

Day 5 Workshop, assessment and action plan
- Quality at source
- 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)
10–21 Jan 2027	10-day classroom	Cairo	English	8,950
1–5 Mar 2027	5-day online	Live online	English	2,950
5–9 Sep 2027	5-day classroom	Kuwait City	Arabic	4,750
10–14 Oct 2027	5-day classroom	Doha	English	4,750
17–28 Apr 2028	10-day online	Live online	Arabic	5,450
2–6 Jul 2028	5-day classroom	Riyadh	Arabic	4,750
6–10 Aug 2028	5-day classroom	Amman	English	4,750
6–17 Nov 2028	10-day classroom	London	English	8,950
1–5 Jan 2029	5-day online	Live online	Arabic	2,950
12–23 Mar 2029	10-day classroom	Istanbul	English	8,950

Dates	Format	City	Language	Fee (USD)
8–12 Apr 2029	5-day classroom	Muscat	Arabic	4,750
4–8 Nov 2029	5-day classroom	Cairo	Arabic	4,750
8–19 Apr 2030	10-day classroom	London	English	8,950
17–28 Jun 2030	10-day online	Live online	Arabic	5,450
15–19 Jul 2030	5-day classroom	Istanbul	English	4,750
21–25 Oct 2030	5-day classroom	Abu Dhabi	Arabic	4,750

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