Garnet
Garnet Global Training Center

GGT-MF-115

Manufacturing & Industrial Engineering

Industrial Robotics

الروبوتات الصناعية

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

Overview

Industrial Robotics 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. 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 Industrial Robotics 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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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 Industrial Robotics: principles and standards
- Quality at source
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice
- Automation and Industry 4.0
- Productivity measurement

Day 3 Diagnosis and problem solving
- Production systems
- Regional and international case studies

Day 4 Quality, safety and documentation
- Lean and waste reduction
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan
- Planning and scheduling
- Group discussion and peer review

10-day outline

Day 1 Industrial Robotics: principles and standards
- Quality at source
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice
- Automation and Industry 4.0
- Productivity measurement

Day 3 Diagnosis and problem solving
- Production systems
- Regional and international case studies

Day 4 Quality, safety and documentation
- Lean and waste reduction
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan
- Planning and scheduling
- 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)
10–21 May 2027	10-day classroom	London	English	8,950
9–13 Aug 2027	5-day classroom	Amsterdam	English	4,750
11–15 Oct 2027	5-day online	Live online	Arabic	2,950
12–16 Dec 2027	5-day classroom	Doha	English	4,750
5–9 Mar 2028	5-day classroom	Riyadh	Arabic	4,750
4–8 Jun 2028	5-day classroom	Doha	Arabic	4,750
10–21 Jul 2028	10-day online	Live online	English	5,450
4–15 Dec 2028	10-day classroom	Abu Dhabi	Arabic	8,950
9–13 Apr 2029	5-day classroom	Barcelona	English	4,750
21–25 May 2029	5-day classroom	Paris	English	4,750

Dates	Format	City	Language	Fee (USD)
6–17 Aug 2029	10-day classroom	Kuala Lumpur	English	8,950
5–9 Nov 2029	5-day online	Live online	Arabic	2,950
8–19 Apr 2030	10-day classroom	Abu Dhabi	English	8,950
8–19 Jul 2030	10-day online	Live online	English	5,450
11–15 Nov 2030	5-day classroom	Amsterdam	English	4,750
2–6 Dec 2030	5-day classroom	Kuala Lumpur	English	4,750

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