Garnet
Garnet Global Training Center

GGT-MF-113

Manufacturing & Industrial Engineering **Rare specialisation**

Theory of Constraints

نظرية القيود

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

Overview

Participants in Theory of Constraints 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. 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

- Apply the methods and standards of Theory of Constraints 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 Theory of Constraints: principles and standards
- Productivity measurement
- Measurement and reporting

Day 2 Methods and tools in practice
- Production systems
- Lean and waste reduction

Day 3 Diagnosis and problem solving
- Planning and scheduling
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation
- Quality at source
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan
- Automation and Industry 4.0
- Regional and international case studies

10-day outline

Day 1 Theory of Constraints: principles and standards
- Productivity measurement
- Measurement and reporting

Day 2 Methods and tools in practice
- Production systems
- Lean and waste reduction

Day 3 Diagnosis and problem solving
- Planning and scheduling
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation
- Quality at source
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan
- Automation and Industry 4.0
- 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)
7–11 Feb 2027	5-day classroom	Manama	Arabic	4,750
12–23 Apr 2027	10-day classroom	Istanbul	English	8,950
16–20 Aug 2027	5-day online	Live online	Arabic	2,950
3–7 Oct 2027	5-day classroom	Muscat	English	4,750
6–10 Feb 2028	5-day classroom	Jeddah	Arabic	4,750
6–10 Mar 2028	5-day classroom	London	English	4,750
8–19 May 2028	10-day classroom	Dubai	English	8,950
4–15 Sep 2028	10-day online	Live online	English	5,450
4–8 Feb 2029	5-day classroom	Doha	English	4,750
1–5 Jul 2029	5-day classroom	Riyadh	English	4,750

Dates	Format	City	Language	Fee (USD)
13–17 Aug 2029	5-day online	Live online	Arabic	2,950
10–21 Sep 2029	10-day classroom	Dubai	English	8,950
11–22 Feb 2030	10-day online	Live online	Arabic	5,450
11–22 Mar 2030	10-day classroom	Istanbul	English	8,950
18–22 Aug 2030	5-day classroom	Riyadh	English	4,750
15–19 Sep 2030	5-day classroom	Manama	Arabic	4,750

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