Garnet
Garnet Global Training Center

GGT-MF-110

Manufacturing & Industrial Engineering

Capacity Planning

تخطيط الطاقة الإنتاجية

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

Overview

This program treats Capacity Planning as a managed system: policies, roles, resources, performance indicators and continual improvement. 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

- Set up and run Capacity Planning as a managed process with clear roles.
- Control risk, quality and compliance in this area.
- Lead improvement projects and measure their benefit.
- Report clearly to senior management and stakeholders.
- Manage contractors, suppliers and internal customers.

Who should attend

Production managers, industrial and manufacturing engineers, plant supervisors. It suits supervisors, section heads and specialists who manage, or are about to manage, this area.

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 Capacity Planning: the management framework
- Quality at source
- Measurement and reporting

Day 2 Planning, resources and budgets
- Automation and Industry 4.0
- Productivity measurement

Day 3 Performance measurement and control
- Production systems
- Hands-on workshop on a workplace challenge

Day 4 Risk, compliance and improvement
- Lean and waste reduction
- Common mistakes and how to avoid them

Day 5 Management case study and action plan
- Planning and scheduling
- Regional and international case studies

10-day outline

Day 1 Capacity Planning: the management framework
- Quality at source
- Measurement and reporting

Day 2 Planning, resources and budgets
- Automation and Industry 4.0
- Productivity measurement

Day 3 Performance measurement and control
- Production systems
- Hands-on workshop on a workplace challenge

Day 4 Risk, compliance and improvement
- Lean and waste reduction
- Common mistakes and how to avoid them

Day 5 Management case study and action plan
- Planning and scheduling
- 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)
4–8 Jan 2027	5-day online	Live online	English	2,950
7–18 Feb 2027	10-day classroom	Manama	Arabic	8,950
17–21 May 2027	5-day classroom	Kuala Lumpur	English	4,750
8–12 Nov 2027	5-day classroom	Vienna	English	4,750
3–7 Jan 2028	5-day classroom	Amsterdam	English	4,750
20–31 Mar 2028	10-day classroom	Istanbul	English	8,950
15–19 May 2028	5-day classroom	London	English	4,750
18–29 Sep 2028	10-day online	Live online	English	5,450
19–23 Feb 2029	5-day online	Live online	English	2,950
4–8 Jun 2029	5-day classroom	Amsterdam	English	4,750

Dates	Format	City	Language	Fee (USD)
2–6 Sep 2029	5-day classroom	Muscat	English	4,750
18–29 Nov 2029	10-day classroom	Jeddah	English	8,950
4–8 Aug 2030	5-day classroom	Amman	Arabic	4,750
9–20 Sep 2030	10-day online	Live online	English	5,450
7–18 Oct 2030	10-day classroom	Dubai	English	8,950
11–15 Nov 2030	5-day classroom	Abu Dhabi	English	4,750

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