Garnet
Garnet Global Training Center

GGT-MF-116

Manufacturing & Industrial Engineering

CNC Machining & Programming

التشغيل والبرمجة على آلات CNC

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

Overview

CNC Machining & Programming helps participants move from doing the work to managing it, with planning tools, control methods and reporting that management trusts. 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

- Set up and run CNC Machining & Programming as a managed process with clear roles.
- Manage contractors, suppliers and internal customers.
- Plan resources, budgets and schedules realistically.
- Define KPIs and build simple dashboards for management.
- Control risk, quality and compliance in this area.

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 CNC Machining & Programming: the management framework

- Automation and Industry 4.0
- Regional and international case studies

Day 2 Planning, resources and budgets

- Productivity measurement
- Production systems

Day 3 Performance measurement and control

- Lean and waste reduction
- Checklists and templates to take away

Day 4 Risk, compliance and improvement

- Planning and scheduling
- Group discussion and peer review

Day 5 Management case study and action plan

- Quality at source
- Measurement and reporting

10-day outline

Day 1 CNC Machining & Programming: the management framework

- Automation and Industry 4.0
- Regional and international case studies

Day 2 Planning, resources and budgets

- Productivity measurement
- Production systems

Day 3 Performance measurement and control

- Lean and waste reduction
- Checklists and templates to take away

Day 4 Risk, compliance and improvement

- Planning and scheduling
- Group discussion and peer review

Day 5 Management case study 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)
4–8 Jan 2027	5-day classroom	Kuala Lumpur	English	4,750
19–23 Jul 2027	5-day online	Live online	English	2,950
13–24 Sep 2027	10-day classroom	Geneva	English	8,950
20–24 Dec 2027	5-day classroom	Abu Dhabi	Arabic	4,750
3–7 Jan 2028	5-day classroom	Dubai	English	4,750
20 Feb – 2 Mar 2028	10-day classroom	Amman	Arabic	8,950
16–20 Apr 2028	5-day classroom	Cairo	English	4,750
1–12 May 2028	10-day online	Live online	English	5,450
14–18 Jan 2029	5-day classroom	Jeddah	Arabic	4,750

Dates	Format	City	Language	Fee (USD)
12–16 Feb 2029	5-day online	Live online	Arabic	2,950
15–19 Apr 2029	5-day classroom	Riyadh	Arabic	4,750
14–25 Oct 2029	10-day classroom	Cairo	Arabic	8,950
9–13 Jun 2030	5-day classroom	Doha	Arabic	4,750
16–27 Sep 2030	10-day classroom	Dubai	English	8,950
7–11 Oct 2030	5-day classroom	Amsterdam	English	4,750
16–27 Dec 2030	10-day online	Live online	English	5,450

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