Garnet
Garnet Global Training Center

GGT-MS-114

Maritime, Ports & Shipping

Marine Engineering Fundamentals

أساسيات الهندسة البحرية

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

Overview

Marine Engineering Fundamentals gives newcomers and non-specialists a clear, practical grounding: the core concepts, the vocabulary used on the job and the first tools to apply them. Commercial, operational and safety programs for shipping companies, ports and terminals. 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

- Explain the key concepts, terms and standards of Marine Engineering Fundamentals.
- Read and use the documents, forms and data common in this field.
- Know when to escalate and who to involve.
- Communicate confidently with specialists and colleagues.
- Plan the next steps in your own learning.

Who should attend

Ship and port managers, chartering and operations staff, marine terminal teams. No prior experience is required; it also suits new hires, graduates and staff moving into this field.

Key topics

- Shipping markets and economics
- IMO conventions and port state control
- Terminal operations and safety
- Charter parties and documentation
- Marine fuels and emissions rules
- Incident response at sea and in port

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 Introduction to Marine Engineering Fundamentals

- IMO conventions and port state control
- Common mistakes and how to avoid them

Day 2 Core concepts and terminology

- Terminal operations and safety
- Charter parties and documentation

Day 3 Basic methods and tools

- Marine fuels and emissions rules
- Regional and international case studies

Day 4 Working safely and correctly

- Incident response at sea and in port
- Checklists and templates to take away

Day 5 Practical exercises and review

- Shipping markets and economics
- Group discussion and peer review

10-day outline

Day 1 Introduction to Marine Engineering Fundamentals

- IMO conventions and port state control
- Common mistakes and how to avoid them

Day 2 Core concepts and terminology

- Terminal operations and safety
- Charter parties and documentation

Day 3 Basic methods and tools

- Marine fuels and emissions rules
- Regional and international case studies

Day 4 Working safely and correctly

- Incident response at sea and in port
- Checklists and templates to take away

Day 5 Practical exercises and review

- Shipping markets and economics
- 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)
5–9 Apr 2027	5-day classroom	Istanbul	English	4,750
3–7 May 2027	5-day online	Live online	English	2,950
20–24 Jun 2027	5-day classroom	Doha	English	4,750
20–31 Dec 2027	10-day classroom	Barcelona	English	8,950
3–7 Jul 2028	5-day classroom	Paris	English	4,750
20–24 Aug 2028	5-day classroom	Riyadh	English	4,750
17–28 Sep 2028	10-day classroom	Jeddah	English	8,950
9–20 Oct 2028	10-day online	Live online	Arabic	5,450
1–12 Jan 2029	10-day classroom	Dubai	Arabic	8,950

Dates	Format	City	Language	Fee (USD)
19–23 Feb 2029	5-day online	Live online	English	2,950
13–17 Aug 2029	5-day classroom	Paris	English	4,750
8–12 Oct 2029	5-day classroom	Vienna	English	4,750
13–24 May 2030	10-day classroom	Geneva	English	8,950
9–13 Jun 2030	5-day classroom	Kuwait City	Arabic	4,750
8–19 Jul 2030	10-day online	Live online	English	5,450
18–22 Nov 2030	5-day classroom	Dubai	English	4,750

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