Garnet
Garnet Global Training Center

GGT-OG-101

Oil, Gas & Petrochemicals

Petroleum Refining Processes

عمليات تكرير البترول

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

Overview

Petroleum Refining Processes focuses on how the work is actually done: the methods, checks and decisions practitioners use every day, illustrated with real cases from the region. Upstream, midstream and downstream programs built around how plants and fields are actually run. 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 Petroleum Refining Processes to real tasks.
- Diagnose common problems and identify root causes.
- Interpret data and results correctly and act on them.
- Follow safe, compliant and documented work practices.
- Avoid the mistakes that most often cause rework or failure.

Who should attend

Operations, process, production and integrity engineers, supervisors and technical managers. Practitioners with one to five years of experience benefit most.

Key topics

- Process fundamentals and unit operations
- API, ASME and ISO standards in practice
- Operating envelopes and troubleshooting
- Integrity, corrosion and inspection
- Production optimisation and losses
- Field case studies from the region

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 Petroleum Refining Processes: principles and standards

- Process fundamentals and unit operations
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice

- API, ASME and ISO standards in practice
- Operating envelopes and troubleshooting

Day 3 Diagnosis and problem solving

- Integrity, corrosion and inspection
- Regional and international case studies

Day 4 Quality, safety and documentation

- Production optimisation and losses
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan

- Field case studies from the region
- Group discussion and peer review

10-day outline

Day 1 Petroleum Refining Processes: principles and standards

- Process fundamentals and unit operations
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice

- API, ASME and ISO standards in practice
- Operating envelopes and troubleshooting

Day 3 Diagnosis and problem solving

- Integrity, corrosion and inspection
- Regional and international case studies

Day 4 Quality, safety and documentation

- Production optimisation and losses
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan

- Field case studies from the region
- 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)
1–5 Mar 2027	5-day online	Live online	English	2,950
19–23 Apr 2027	5-day classroom	Abu Dhabi	Arabic	4,750
14–18 Jun 2027	5-day classroom	Dubai	Arabic	4,750
12–23 Jul 2027	10-day classroom	Paris	English	8,950
7–18 May 2028	10-day classroom	Cairo	English	8,950
19–30 Jun 2028	10-day online	Live online	English	5,450
18–22 Sep 2028	5-day classroom	Dubai	Arabic	4,750
9–13 Oct 2028	5-day classroom	Barcelona	English	4,750
14–18 Jan 2029	5-day classroom	Doha	Arabic	4,750

Dates	Format	City	Language	Fee (USD)
3–14 Jun 2029	10-day classroom	Cairo	Arabic	8,950
3–7 Sep 2029	5-day classroom	Paris	English	4,750
15–19 Oct 2029	5-day online	Live online	Arabic	2,950
21 Jan – 1 Feb 2030	10-day online	Live online	English	5,450
17–21 Mar 2030	5-day classroom	Manama	English	4,750
2–13 Sep 2030	10-day classroom	Barcelona	English	8,950
1–5 Dec 2030	5-day classroom	Jeddah	English	4,750

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