Garnet
Garnet Global Training Center

GGT-OG-130

Oil, Gas & Petrochemicals **Rare specialisation**

Hydrocracking & Fluid Catalytic Cracking

التكسير الهيدروجيني والتكسير الحفزي المميع

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

Overview

Hydrocracking & Fluid Catalytic Cracking 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. 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

- Apply the methods and standards of Hydrocracking & Fluid Catalytic Cracking to real tasks.
- Share good practice with your team.
- Use the right tools, checks and calculations step by step.
- Diagnose common problems and identify root causes.
- Interpret data and results correctly and act on them.

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

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 Hydrocracking & Fluid Catalytic Cracking: principles and standards
- Field case studies from the region
- Checklists and templates to take away

Day 2 Methods and tools in practice
- Process fundamentals and unit operations
- API, ASME and ISO standards in practice

Day 3 Diagnosis and problem solving
- Operating envelopes and troubleshooting
- Group discussion and peer review

Day 4 Quality, safety and documentation
- Integrity, corrosion and inspection
- Measurement and reporting

Day 5 Workshop, assessment and action plan
- Production optimisation and losses
- Hands-on workshop on a workplace challenge

10-day outline

Day 1 Hydrocracking & Fluid Catalytic Cracking: principles and standards
- Field case studies from the region
- Checklists and templates to take away

Day 2 Methods and tools in practice
- Process fundamentals and unit operations
- API, ASME and ISO standards in practice

Day 3 Diagnosis and problem solving
- Operating envelopes and troubleshooting
- Group discussion and peer review

Day 4 Quality, safety and documentation
- Integrity, corrosion and inspection
- Measurement and reporting

Day 5 Workshop, assessment and action plan
- Production optimisation and losses
- Hands-on workshop on a workplace challenge

Day 6 Advanced techniques and specialist practice
- Complex cases in depth
- Common mistakes and how to avoid them

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
- Regional and international case studies

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)
21–25 Feb 2027	5-day classroom	Doha	Arabic	4,750
12–16 Jul 2027	5-day online	Live online	Arabic	2,950
2–13 Aug 2027	10-day classroom	London	English	8,950
12–16 Sep 2027	5-day classroom	Riyadh	Arabic	4,750
20–31 Mar 2028	10-day classroom	Amsterdam	English	8,950
16–20 Jul 2028	5-day classroom	Cairo	Arabic	4,750
9–13 Oct 2028	5-day classroom	Paris	English	4,750
4–15 Dec 2028	10-day online	Live online	English	5,450
9–13 Jul 2029	5-day classroom	Istanbul	English	4,750

Dates	Format	City	Language	Fee (USD)
20–31 Aug 2029	10-day classroom	Amsterdam	English	8,950
11–15 Nov 2029	5-day classroom	Jeddah	Arabic	4,750
17–21 Dec 2029	5-day online	Live online	Arabic	2,950
6–10 Jan 2030	5-day classroom	Amman	Arabic	4,750
10–14 Feb 2030	5-day classroom	Riyadh	Arabic	4,750
8–19 Sep 2030	10-day classroom	Muscat	Arabic	8,950
4–15 Nov 2030	10-day online	Live online	Arabic	5,450

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