Garnet
Garnet Global Training Center

GGT-CH-124

Chemical & Process Engineering

Liquid-Liquid Extraction

الاستخلاص سائل-سائل

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

Overview

Participants in Liquid-Liquid Extraction practise the methods, tools and standards they need to perform reliably and solve problems on the job. Process design, control and optimisation for chemical, petrochemical and fertiliser plants. 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 Liquid-Liquid Extraction 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

Process and chemical engineers, plant operators and technical service teams. Practitioners with one to five years of experience benefit most.

Key topics

- Mass and energy balances
- Unit operations
- Process control
- Simulation and optimisation
- Catalysts and reactions
- Troubleshooting

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 Liquid-Liquid Extraction: principles and standards

- Catalysts and reactions
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice

- Troubleshooting
- Mass and energy balances

Day 3 Diagnosis and problem solving

- Unit operations
- Regional and international case studies

Day 4 Quality, safety and documentation

- Process control
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan

- Simulation and optimisation
- Group discussion and peer review

10-day outline

Day 1 Liquid-Liquid Extraction: principles and standards

- Catalysts and reactions
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice

- Troubleshooting
- Mass and energy balances

Day 3 Diagnosis and problem solving

- Unit operations
- Regional and international case studies

Day 4 Quality, safety and documentation

- Process control
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan

- Simulation and optimisation
- 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)
1–12 Feb 2027	10-day classroom	London	English	8,950
4–8 Jul 2027	5-day classroom	Riyadh	English	4,750
13–17 Sep 2027	5-day classroom	Vienna	English	4,750
8–12 Nov 2027	5-day online	Live online	Arabic	2,950
13–17 Feb 2028	5-day classroom	Manama	English	4,750
10–14 Jul 2028	5-day classroom	Istanbul	English	4,750
9–20 Oct 2028	10-day classroom	Abu Dhabi	English	8,950
6–17 Nov 2028	10-day online	Live online	Arabic	5,450
1–5 Jan 2029	5-day online	Live online	English	2,950

Dates	Format	City	Language	Fee (USD)
18–22 Mar 2029	5-day classroom	Jeddah	Arabic	4,750
19–23 Aug 2029	5-day classroom	Manama	English	4,750
17–28 Sep 2029	10-day classroom	Singapore	English	8,950
15–26 Apr 2030	10-day classroom	Istanbul	English	8,950
20–24 May 2030	5-day classroom	Abu Dhabi	Arabic	4,750
5–16 Aug 2030	10-day online	Live online	Arabic	5,450
15–19 Dec 2030	5-day classroom	Riyadh	English	4,750

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