Garnet
Garnet Global Training Center

GGT-CH-126

Chemical & Process Engineering

Evaporation Technology

تكنولوجيا التبخير

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

Overview

Evaporation Technology turns established good practice into step-by-step methods that participants rehearse in exercises and then apply at work. 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 Evaporation Technology 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

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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 Evaporation Technology: principles and standards

- Troubleshooting
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Mass and energy balances
- Unit operations

Day 3 Diagnosis and problem solving

- Process control
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Simulation and optimisation
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Catalysts and reactions
- Checklists and templates to take away

10-day outline

Day 1 Evaporation Technology: principles and standards

- Troubleshooting
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Mass and energy balances
- Unit operations

Day 3 Diagnosis and problem solving

- Process control
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Simulation and optimisation
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Catalysts and reactions
- Checklists and templates to take away

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Group discussion and peer review

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
- Measurement and reporting

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)
18–22 Jan 2027	5-day classroom	Paris	English	4,750
11–15 Oct 2027	5-day classroom	Dubai	English	4,750
1–5 Nov 2027	5-day online	Live online	Arabic	2,950
19–30 Dec 2027	10-day classroom	Kuwait City	Arabic	8,950
17–28 Sep 2028	10-day classroom	Doha	English	8,950
8–12 Oct 2028	5-day classroom	Muscat	Arabic	4,750
12–16 Nov 2028	5-day classroom	Jeddah	English	4,750
11–22 Dec 2028	10-day online	Live online	Arabic	5,450
11–22 Mar 2029	10-day classroom	Jeddah	Arabic	8,950

Dates	Format	City	Language	Fee (USD)
7–11 May 2029	5-day classroom	Abu Dhabi	Arabic	4,750
11–15 Jun 2029	5-day online	Live online	Arabic	2,950
16–20 Sep 2029	5-day classroom	Kuwait City	English	4,750
11–22 Mar 2030	10-day online	Live online	Arabic	5,450
17–21 Jun 2030	5-day classroom	Dubai	English	4,750
1–5 Jul 2030	5-day classroom	Singapore	English	4,750
11–22 Nov 2030	10-day classroom	Abu Dhabi	English	8,950

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