Garnet
Garnet Global Training Center

GGT-WT-120

Water, Wastewater & Desalination

Coagulation, Flocculation & Filtration

التخثير والتلبيد والترشيح

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

Overview

Coagulation, Flocculation & Filtration focuses on how the work is actually done: the methods, checks and decisions practitioners use every day, illustrated with real cases from the region. Treatment, networks and desalination programs for water utilities and industry. You can join a public session in one of 20 cities or live online, in English or Arabic, or bring the course in-house with examples from your own operations.

What you will be able to do

- Apply the methods and standards of Coagulation, Flocculation & Filtration to real tasks.
- 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.
- Share good practice with your team.

Who should attend

Water utility engineers, plant operators, network and environmental specialists. Practitioners with one to five years of experience benefit most.

Key topics

- Water quality and standards
- Treatment processes
- Networks, pumping and losses
- Plant operation and chemicals
- Energy use in water systems
- Regulation and reporting

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 Coagulation, Flocculation & Filtration: principles and standards

- Water quality and standards
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice

- Treatment processes
- Networks, pumping and losses

Day 3 Diagnosis and problem solving

- Plant operation and chemicals
- Regional and international case studies

Day 4 Quality, safety and documentation

- Energy use in water systems
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan

- Regulation and reporting
- Group discussion and peer review

10-day outline

Day 1 Coagulation, Flocculation & Filtration: principles and standards

- Water quality and standards
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice

- Treatment processes
- Networks, pumping and losses

Day 3 Diagnosis and problem solving

- Plant operation and chemicals
- Regional and international case studies

Day 4 Quality, safety and documentation

- Energy use in water systems
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan

- Regulation and reporting
- 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)
4–8 Jan 2027	5-day classroom	London	English	4,750
15–19 Feb 2027	5-day classroom	Dubai	Arabic	4,750
8–19 Mar 2027	10-day classroom	Amsterdam	English	8,950
7–11 Jun 2027	5-day online	Live online	Arabic	2,950
10–21 Jan 2028	10-day classroom	Dubai	Arabic	8,950
21–25 Feb 2028	5-day classroom	Barcelona	English	4,750
6–17 Mar 2028	10-day online	Live online	English	5,450
14–18 Aug 2028	5-day classroom	London	English	4,750
2–6 Apr 2029	5-day classroom	Istanbul	English	4,750

Dates	Format	City	Language	Fee (USD)
11–15 Jun 2029	5-day online	Live online	Arabic	2,950
21 Oct – 1 Nov 2029	10-day classroom	Riyadh	Arabic	8,950
3–7 Dec 2029	5-day classroom	Dubai	English	4,750
21 Jan – 1 Feb 2030	10-day online	Live online	English	5,450
18–22 Feb 2030	5-day classroom	Amsterdam	English	4,750
18–29 Mar 2030	10-day classroom	Istanbul	English	8,950
10–14 Jun 2030	5-day classroom	Dubai	English	4,750

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