Garnet
Garnet Global Training Center

GGT-WT-105

Water, Wastewater & Desalination

Water Distribution Network Management

إدارة شبكات توزيع المياه

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

Overview

This program treats Water Distribution Network Management as a managed system: policies, roles, resources, performance indicators and continual improvement. 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

- Set up and run Water Distribution Network Management as a managed process with clear roles.
- Lead improvement projects and measure their benefit.
- Report clearly to senior management and stakeholders.
- Manage contractors, suppliers and internal customers.
- Plan resources, budgets and schedules realistically.

Who should attend

Water utility engineers, plant operators, network and environmental specialists. It suits supervisors, section heads and specialists who manage, or are about to manage, this area.

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 Water Distribution Network Management: the management framework

- Networks, pumping and losses
- Hands-on workshop on a workplace challenge

Day 2 Planning, resources and budgets

- Plant operation and chemicals
- Energy use in water systems

Day 3 Performance measurement and control

- Regulation and reporting
- Common mistakes and how to avoid them

Day 4 Risk, compliance and improvement

- Water quality and standards
- Regional and international case studies

Day 5 Management case study and action plan

- Treatment processes
- Checklists and templates to take away

10-day outline

Day 1 Water Distribution Network Management: the management framework

- Networks, pumping and losses
- Hands-on workshop on a workplace challenge

Day 2 Planning, resources and budgets

- Plant operation and chemicals
- Energy use in water systems

Day 3 Performance measurement and control

- Regulation and reporting
- Common mistakes and how to avoid them

Day 4 Risk, compliance and improvement

- Water quality and standards
- Regional and international case studies

Day 5 Management case study and action plan

- Treatment processes
- 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)
17–28 May 2027	10-day classroom	Barcelona	English	8,950
21–25 Jun 2027	5-day classroom	Dubai	English	4,750
11–15 Jul 2027	5-day classroom	Muscat	English	4,750
18–22 Oct 2027	5-day online	Live online	English	2,950
21 Feb – 3 Mar 2028	10-day online	Live online	English	5,450
11–15 Jun 2028	5-day classroom	Jeddah	English	4,750
21 Aug – 1 Sep 2028	10-day classroom	Abu Dhabi	English	8,950
11–15 Dec 2028	5-day classroom	Dubai	Arabic	4,750
15–26 Apr 2029	10-day classroom	Manama	Arabic	8,950

Dates	Format	City	Language	Fee (USD)
3–7 Jun 2029	5-day classroom	Riyadh	Arabic	4,750
9–13 Jul 2029	5-day online	Live online	Arabic	2,950
17–21 Dec 2029	5-day classroom	Geneva	English	4,750
21–25 Jan 2030	5-day classroom	Barcelona	English	4,750
13–24 May 2030	10-day classroom	London	English	8,950
21 Oct – 1 Nov 2030	10-day online	Live online	Arabic	5,450
10–14 Nov 2030	5-day classroom	Jeddah	English	4,750

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