Garnet
Garnet Global Training Center

GGT-WT-112

Water, Wastewater & Desalination **New from 2028**

Smart Water Networks

شبكات المياه الذكية

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

Overview

Smart Water Networks 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 Smart Water Networks to real tasks.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.
- Use the right tools, checks and calculations step by step.
- Diagnose common problems and identify root causes.

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

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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 Smart Water Networks: principles and standards
- Energy use in water systems
- Checklists and templates to take away

Day 2 Methods and tools in practice
- Regulation and reporting
- Water quality and standards

Day 3 Diagnosis and problem solving
- Treatment processes
- Group discussion and peer review

Day 4 Quality, safety and documentation
- Networks, pumping and losses
- Measurement and reporting

Day 5 Workshop, assessment and action plan
- Plant operation and chemicals
- Hands-on workshop on a workplace challenge

10-day outline

Day 1 Smart Water Networks: principles and standards
- Energy use in water systems
- Checklists and templates to take away

Day 2 Methods and tools in practice
- Regulation and reporting
- Water quality and standards

Day 3 Diagnosis and problem solving
- Treatment processes
- Group discussion and peer review

Day 4 Quality, safety and documentation
- Networks, pumping and losses
- Measurement and reporting

Day 5 Workshop, assessment and action plan
- Plant operation and chemicals
- 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 Feb – 3 Mar 2028	10-day classroom	Dubai	Arabic	8,950
7–11 May 2028	5-day classroom	Cairo	Arabic	4,750
10–14 Jul 2028	5-day classroom	London	English	4,750
4–15 Dec 2028	10-day online	Live online	English	5,450
5–9 Mar 2029	5-day classroom	Abu Dhabi	English	4,750
4–15 Jun 2029	10-day classroom	Istanbul	English	8,950
2–6 Jul 2029	5-day online	Live online	English	2,950
12–16 Aug 2029	5-day classroom	Jeddah	Arabic	4,750
4–8 Feb 2030	5-day classroom	Istanbul	English	4,750
3–14 Jun 2030	10-day online	Live online	Arabic	5,450

Dates	Format	City	Language	Fee (USD)
2–6 Sep 2030	5-day classroom	London	English	4,750
7–18 Oct 2030	10-day classroom	Paris	English	8,950

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