Garnet
Garnet Global Training Center

GGT-WT-121

Water, Wastewater & Desalination

Activated Sludge Process

عملية الحمأة المنشطة

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

Overview

Activated Sludge Process turns established good practice into step-by-step methods that participants rehearse in exercises and then apply at work. Treatment, networks and desalination programs for water utilities and industry. It runs as a 5-day or 10-day program in English or Arabic, in classrooms in Dubai, Riyadh, Cairo, London, Istanbul and other cities, or live online, and can be delivered in-house.

What you will be able to do

- Apply the methods and standards of Activated Sludge Process 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

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 Activated Sludge Process: principles and standards

- Plant operation and chemicals
- Measurement and reporting

Day 2 Methods and tools in practice

- Energy use in water systems
- Regulation and reporting

Day 3 Diagnosis and problem solving

- Water quality and standards
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation

- Treatment processes
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

- Networks, pumping and losses
- Regional and international case studies

10-day outline

Day 1 Activated Sludge Process: principles and standards

- Plant operation and chemicals
- Measurement and reporting

Day 2 Methods and tools in practice

- Energy use in water systems
- Regulation and reporting

Day 3 Diagnosis and problem solving

- Water quality and standards
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation

- Treatment processes
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

- Networks, pumping and losses
- Regional and international case studies

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Checklists and templates to take away

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
- Group discussion and peer review

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)
14–18 Feb 2027	5-day classroom	Manama	English	4,750
1–5 Mar 2027	5-day online	Live online	Arabic	2,950
18–29 Jul 2027	10-day classroom	Kuwait City	English	8,950
19–23 Sep 2027	5-day classroom	Riyadh	Arabic	4,750
8–19 May 2028	10-day online	Live online	English	5,450
11–22 Sep 2028	10-day classroom	Casablanca	English	8,950
2–6 Oct 2028	5-day classroom	Barcelona	English	4,750
6–10 Nov 2028	5-day classroom	Dubai	English	4,750
12–23 Feb 2029	10-day classroom	Paris	English	8,950

Dates	Format	City	Language	Fee (USD)
18–22 Mar 2029	5-day classroom	Cairo	English	4,750
2–6 Apr 2029	5-day online	Live online	English	2,950
11–15 Jun 2029	5-day classroom	Abu Dhabi	English	4,750
18–22 Mar 2030	5-day classroom	Istanbul	English	4,750
10–21 Jun 2030	10-day classroom	Abu Dhabi	Arabic	8,950
21–25 Jul 2030	5-day classroom	Riyadh	Arabic	4,750
18–29 Nov 2030	10-day online	Live online	Arabic	5,450

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