Garnet
Garnet Global Training Center

GGT-CV-126

Construction, Civil & Infrastructure

Drainage & Sewer Networks Design

تصميم شبكات الصرف والمجاري

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

Overview

Participants in Drainage & Sewer Networks Design practise the methods, tools and standards they need to perform reliably and solve problems on the job. Design, construction and asset programs for buildings, roads, bridges and utilities. 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 Drainage & Sewer Networks Design 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

Civil and structural engineers, site managers, consultants and infrastructure owners. Practitioners with one to five years of experience benefit most.

Key topics

- Codes and specifications
- Materials and testing
- Site supervision and QA/QC
- Construction safety
- Quantity surveying and cost
- BIM and digital construction

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 Drainage & Sewer Networks Design: principles and standards

- BIM and digital construction
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice

- Codes and specifications
- Materials and testing

Day 3 Diagnosis and problem solving

- Site supervision and QA/QC
- Regional and international case studies

Day 4 Quality, safety and documentation

- Construction safety
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan

- Quantity surveying and cost
- Group discussion and peer review

10-day outline

Day 1 Drainage & Sewer Networks Design: principles and standards

- BIM and digital construction
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice

- Codes and specifications
- Materials and testing

Day 3 Diagnosis and problem solving

- Site supervision and QA/QC
- Regional and international case studies

Day 4 Quality, safety and documentation

- Construction safety
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan

- Quantity surveying and cost
- 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)
11–15 Jan 2027	5-day online	Live online	English	2,950
7–11 Mar 2027	5-day classroom	Kuwait City	Arabic	4,750
7–18 Jun 2027	10-day classroom	Kuala Lumpur	English	8,950
6–10 Sep 2027	5-day classroom	London	English	4,750
3–7 Jan 2028	5-day classroom	London	English	4,750
12–16 Jun 2028	5-day classroom	Amsterdam	English	4,750
20 Nov – 1 Dec 2028	10-day online	Live online	Arabic	5,450
17–28 Dec 2028	10-day classroom	Riyadh	Arabic	8,950
8–12 Jan 2029	5-day classroom	Geneva	English	4,750

Dates	Format	City	Language	Fee (USD)
19–30 Aug 2029	10-day classroom	Amman	Arabic	8,950
15–19 Oct 2029	5-day online	Live online	English	2,950
9–13 Dec 2029	5-day classroom	Doha	English	4,750
1–12 Apr 2030	10-day online	Live online	English	5,450
16–27 Sep 2030	10-day classroom	Abu Dhabi	English	8,950
4–8 Nov 2030	5-day classroom	Barcelona	English	4,750
9–13 Dec 2030	5-day classroom	London	English	4,750

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