Garnet
Garnet Global Training Center

GGT-CV-110

Construction, Civil & Infrastructure **Rare specialisation**

Tunnelling & Underground Works

الأنفاق والأعمال تحت الأرض

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

Overview

Participants in Tunnelling & Underground Works 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 Tunnelling & Underground Works to real tasks.
- Follow safe, compliant and documented work practices.
- 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.

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 Tunnelling & Underground Works: principles and standards

- Materials and testing
- Group discussion and peer review

Day 2 Methods and tools in practice

- Site supervision and QA/QC
- Construction safety

Day 3 Diagnosis and problem solving

- Quantity surveying and cost
- Measurement and reporting

Day 4 Quality, safety and documentation

- BIM and digital construction
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- Codes and specifications
- Common mistakes and how to avoid them

10-day outline

Day 1 Tunnelling & Underground Works: principles and standards

- Materials and testing
- Group discussion and peer review

Day 2 Methods and tools in practice

- Site supervision and QA/QC
- Construction safety

Day 3 Diagnosis and problem solving

- Quantity surveying and cost
- Measurement and reporting

Day 4 Quality, safety and documentation

- BIM and digital construction
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- Codes and specifications
- Common mistakes and how to avoid them

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Regional and international case studies

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
- Checklists and templates to take away

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	Dubai	English	4,750
2–6 Aug 2027	5-day classroom	Paris	English	4,750
4–15 Oct 2027	10-day classroom	Barcelona	English	8,950
6–10 Dec 2027	5-day online	Live online	English	2,950
19–30 Jun 2028	10-day online	Live online	Arabic	5,450
6–10 Aug 2028	5-day classroom	Riyadh	English	4,750
18–29 Sep 2028	10-day classroom	Singapore	English	8,950
13–17 Nov 2028	5-day classroom	Paris	English	4,750
15–19 Jan 2029	5-day online	Live online	English	2,950

Dates	Format	City	Language	Fee (USD)
3–7 Sep 2029	5-day classroom	London	English	4,750
14–18 Oct 2029	5-day classroom	Cairo	English	4,750
11–22 Nov 2029	10-day classroom	Kuwait City	Arabic	8,950
21 Jan – 1 Feb 2030	10-day online	Live online	Arabic	5,450
9–13 Jun 2030	5-day classroom	Doha	English	4,750
8–12 Jul 2030	5-day classroom	Barcelona	English	4,750
10–21 Nov 2030	10-day classroom	Cairo	Arabic	8,950

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