Garnet
Garnet Global Training Center

GGT-CV-125

Construction, Civil & Infrastructure

Soil Testing & Ground Improvement

اختبارات التربة وتحسينها

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

Overview

Soil Testing & Ground Improvement focuses on how the work is actually done: the methods, checks and decisions practitioners use every day, illustrated with real cases from the region. Design, construction and asset programs for buildings, roads, bridges and utilities. 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 Soil Testing & Ground Improvement to real tasks.
- Interpret data and results correctly and act on them.
- Follow safe, compliant and documented work practices.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.

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

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 Soil Testing & Ground Improvement: principles and standards

- Codes and specifications
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Materials and testing
- Site supervision and QA/QC

Day 3 Diagnosis and problem solving

- Construction safety
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Quantity surveying and cost
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- BIM and digital construction
- Checklists and templates to take away

10-day outline

Day 1 Soil Testing & Ground Improvement: principles and standards

- Codes and specifications
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Materials and testing
- Site supervision and QA/QC

Day 3 Diagnosis and problem solving

- Construction safety
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Quantity surveying and cost
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- BIM and digital construction
- 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)
15–19 Feb 2027	5-day classroom	Amsterdam	English	4,750
1–12 Mar 2027	10-day classroom	Dubai	English	8,950
2–6 May 2027	5-day classroom	Riyadh	English	4,750
19–23 Jul 2027	5-day online	Live online	English	2,950
14–18 May 2028	5-day classroom	Jeddah	Arabic	4,750
16–20 Jul 2028	5-day classroom	Kuwait City	English	4,750
14–25 Aug 2028	10-day online	Live online	English	5,450
11–22 Sep 2028	10-day classroom	Geneva	English	8,950
8–19 Jan 2029	10-day classroom	Vienna	English	8,950

Dates	Format	City	Language	Fee (USD)
7–11 May 2029	5-day online	Live online	English	2,950
2–6 Sep 2029	5-day classroom	Jeddah	English	4,750
9–13 Dec 2029	5-day classroom	Doha	Arabic	4,750
10–14 Mar 2030	5-day classroom	Riyadh	English	4,750
21 Jul – 1 Aug 2030	10-day classroom	Cairo	Arabic	8,950
2–6 Sep 2030	5-day classroom	Geneva	English	4,750
11–22 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/