Garnet
Garnet Global Training Center

GGT-CV-117

Construction, Civil & Infrastructure

Surveying & GPS for Construction

المساحة وGPS في الإنشاءات

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

Overview

Participants in Surveying & GPS for Construction 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 Surveying & GPS for Construction 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

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 Surveying & GPS for Construction: principles and standards

- Codes and specifications
- Measurement and reporting

Day 2 Methods and tools in practice

- Materials and testing
- Site supervision and QA/QC

Day 3 Diagnosis and problem solving

- Construction safety
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation

- Quantity surveying and cost
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

- BIM and digital construction
- Regional and international case studies

10-day outline

Day 1 Surveying & GPS for Construction: principles and standards

- Codes and specifications
- Measurement and reporting

Day 2 Methods and tools in practice

- Materials and testing
- Site supervision and QA/QC

Day 3 Diagnosis and problem solving

- Construction safety
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Day 4 Quality, safety and documentation

- Quantity surveying and cost
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

- BIM and digital construction
- 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)
12–23 Apr 2027	10-day classroom	Paris	English	8,950
14–18 Jun 2027	5-day classroom	Dubai	Arabic	4,750
20–24 Sep 2027	5-day online	Live online	English	2,950
1–5 Nov 2027	5-day classroom	Istanbul	English	4,750
20–24 Mar 2028	5-day classroom	Barcelona	English	4,750
10–21 Jul 2028	10-day classroom	Geneva	English	8,950
21–25 Aug 2028	5-day classroom	Dubai	English	4,750
11–22 Sep 2028	10-day online	Live online	English	5,450
12–16 Feb 2029	5-day online	Live online	Arabic	2,950

Dates	Format	City	Language	Fee (USD)
3–7 Jun 2029	5-day classroom	Riyadh	English	4,750
5–16 Aug 2029	10-day classroom	Kuwait City	Arabic	8,950
5–9 Nov 2029	5-day classroom	London	English	4,750
21–25 Jan 2030	5-day classroom	Geneva	English	4,750
11–22 Mar 2030	10-day classroom	London	English	8,950
20–24 May 2030	5-day classroom	Kuala Lumpur	English	4,750
8–19 Jul 2030	10-day online	Live online	English	5,450

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