Garnet
GLOBAL TRAINING CENTER

GGT-GI-116
Course brochure

GIS, Geospatial & Remote Sensing

GIS for Urban Planning and Smart Cities

نظم المعلومات الجغرافية للتخطيط العمراني والمدن الذكية

Duration	Format	Language	Level
5 days (35 h) or 10 days (70 h)	**Classroom / online / in-house**	**English or Arabic**	**Intermediate**

Overview

GIS for Urban Planning and Smart Cities is a practical GIS, Geospatial & Remote Sensing program. Apply GIS to land use, zoning, growth scenarios, accessibility and smart-city services. Every day pairs short theory sessions with hands-on exercises on real data and case studies, so participants leave with methods and templates they can use at work straight away. Join a public session in one of 20 cities or live online, in English or Arabic, or run it in-house with examples from your own projects.

What you will be able to do

- Apply urban data and planning information systems at work.
- Apply land use, zoning and development control at work.
- Apply growth scenarios and site selection at work.
- Apply accessibility, services and 15-minute city analysis at work.
- Apply smart-city platforms and open data at work.

Who should attend

GIS analysts and technicians, surveyors, planners, engineers, environmental specialists and managers who use spatial data.

5-day outline

Day 1 — **Urban data and planning information systems**
- Tools, templates and best practice
- Case study and group discussion

Day 2 — **Land use, zoning and development control**
- Concepts, methods and standards
- Hands-on exercise

Day 3 — **Growth scenarios and site selection**
- Worked examples from real projects
- Practical workshop

Day 4 — **Accessibility, services and 15-minute city analysis**
- Tools, templates and best practice
- Case study and group discussion

Day 5 — **Smart-city platforms and open data**
- Concepts, methods and standards
- Capstone exercise and action plan

10-day option: adds Advanced methods and tools, Industry case studies, Integration with other systems and data, Quality, standards and governance, Capstone project and presentation.

Fees per participant

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 at your premises	**Quotation per group**

Fees exclude VAT and include materials and the certificate of completion; classroom fees include lunch and refreshments.

Certificate

Certificate of completion stating 35 or 70 contact hours for participants who attend at least 90% of sessions and pass the final assessment.

Upcoming sessions

Dates	Format	City	Language
12–16 Apr 2027	5-day classroom	Istanbul	English
24–28 May 2027	5-day classroom	Vienna	English
28 Jun – 9 Jul 2027	10-day classroom	Kuala Lumpur	English
26–30 Jul 2027	5-day online	Live online	English
1–5 May 2028	5-day classroom	Kuala Lumpur	English
21–25 May 2028	5-day classroom	Jeddah	Arabic

Full schedule to 2030 on the course page. We can also run it on your dates, in your city or in-house.

Register or ask
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