Garnet
Garnet Global Training Center

GGT-SM-124

Smart Cities & Urban Management **Rare specialisation** **New from 2029**

# City Digital Twins

التوائم الرقمية للمدن

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

## Overview

City Digital Twins focuses on how the work is actually done: the methods, checks and decisions practitioners use every day, illustrated with real cases from the region. Plan, run and digitalise cities and municipal services for residents and investors. 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 City Digital Twins to real tasks.
- 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.
- Follow safe, compliant and documented work practices.

## Who should attend

Municipal managers, urban planners, smart city teams and city service operators. Practitioners with one to five years of experience benefit most.

## Key topics

- Urban strategy and governance
- Municipal services
- Digital city platforms
- Mobility and infrastructure
- Resident experience
- Data and performance

## 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 City Digital Twins: principles and standards
- Resident experience
- Hands-on workshop on a workplace challenge

### Day 2 Methods and tools in practice
- Data and performance
- Urban strategy and governance

### Day 3 Diagnosis and problem solving
- Municipal services
- Common mistakes and how to avoid them

### Day 4 Quality, safety and documentation
- Digital city platforms
- Regional and international case studies

### Day 5 Workshop, assessment and action plan
- Mobility and infrastructure
- Checklists and templates to take away

## 10-day outline

### Day 1 City Digital Twins: principles and standards
- Resident experience
- Hands-on workshop on a workplace challenge

### Day 2 Methods and tools in practice
- Data and performance
- Urban strategy and governance

### Day 3 Diagnosis and problem solving
- Municipal services
- Common mistakes and how to avoid them

### Day 4 Quality, safety and documentation
- Digital city platforms
- Regional and international case studies

### Day 5 Workshop, assessment and action plan
- Mobility and infrastructure
- 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) |
|---|---|---|---|---|
| 7–11 Jan 2029 | 5-day classroom | Manama | English | 4,750 |
| 18–29 Mar 2029 | 10-day classroom | Riyadh | Arabic | 8,950 |
| 3–7 Sep 2029 | 5-day classroom | Abu Dhabi | Arabic | 4,750 |
| 17–21 Dec 2029 | 5-day online | Live online | Arabic | 2,950 |
| 17–21 Feb 2030 | 5-day classroom | Riyadh | English | 4,750 |
| 1–12 Apr 2030 | 10-day classroom | Dubai | English | 8,950 |
| 9–20 Sep 2030 | 10-day online | Live online | English | 5,450 |
| 7–11 Oct 2030 | 5-day classroom | Istanbul | English | 4,750 |

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