Garnet
Garnet Global Training Center

GGT-AD-112

Architecture & Interior Design | Rare specialisation | New from 2028

Parametric & Computational Design

التصميم البارامتري والحاسوبي

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

Overview

Participants in Parametric & Computational Design practise the methods, tools and standards they need to perform reliably and solve problems on the job. Design, documentation and project skills for architects and interior designers. Choose 5 or 10 days, classroom or live online, English or Arabic; organisations can also run it in-house and adapt the examples to their own work.

What you will be able to do

- Apply the methods and standards of Parametric & Computational Design 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

Architects, interior designers, draughtspersons and design managers. Practitioners with one to five years of experience benefit most.

Key topics

- Design process and briefs
- Codes and accessibility
- Materials and finishes
- Digital design tools
- Sustainability in design
- Design management

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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Training: training@garnettrainings.com

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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 Parametric & Computational Design: principles and standards
- Sustainability in design
- Group discussion and peer review

Day 2 Methods and tools in practice
- Design management
- Design process and briefs

Day 3 Diagnosis and problem solving
- Codes and accessibility
- Measurement and reporting

Day 4 Quality, safety and documentation
- Materials and finishes
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan
- Digital design tools
- Common mistakes and how to avoid them

10-day outline

Day 1 Parametric & Computational Design: principles and standards
- Sustainability in design
- Group discussion and peer review

Day 2 Methods and tools in practice
- Design management
- Design process and briefs

Day 3 Diagnosis and problem solving
- Codes and accessibility
- Measurement and reporting

Day 4 Quality, safety and documentation
- Materials and finishes
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan
- Digital design tools
- 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)
10–21 Jan 2028	10-day classroom	Dubai	English	8,950
13–17 Mar 2028	5-day classroom	Abu Dhabi	Arabic	4,750
1–5 May 2028	5-day classroom	Barcelona	English	4,750
3–14 Jul 2028	10-day online	Live online	English	5,450
13–17 May 2029	5-day classroom	Kuwait City	English	4,750
11–15 Jun 2029	5-day classroom	Paris	English	4,750
8–12 Oct 2029	5-day online	Live online	English	2,950
19–30 Nov 2029	10-day classroom	Abu Dhabi	English	8,950
1–12 Apr 2030	10-day online	Live online	Arabic	5,450

Dates	Format	City	Language	Fee (USD)
14–18 Jul 2030	5-day classroom	Riyadh	Arabic	4,750
4–15 Aug 2030	10-day classroom	Kuwait City	English	8,950
9–13 Sep 2030	5-day classroom	Amsterdam	English	4,750

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