Garnet
GLOBAL TRAINING CENTER

GGT-GB-115
Course brochure

Green Buildings, LEED & Sustainable Design

ASHRAE 90.1 and 62.1 for Green Buildings

معياري ASHRAE 90.1 و62.1 للمباني الخضراء

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

Overview

ASHRAE 90.1 and 62.1 for Green Buildings is a practical Green Buildings, LEED & Sustainable Design program. Apply the energy and ventilation standards behind LEED, Estidama and Mostadam to real designs. 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 ASHRAE 90.1 scope and compliance paths at work.
- Apply envelope, lighting and power requirements at work.
- Apply HVAC and service water heating requirements at work.
- Apply ASHRAE 62.1 ventilation rate procedure at work.
- Apply compliance documentation exercise at work.

Who should attend

Architects, engineers, sustainability consultants, facility managers, contractors and developers working on green buildings.

5-day outline

Day 1 — **ASHRAE 90.1 scope and compliance paths**
- Tools, templates and best practice
- Case study and group discussion

Day 2 — **Envelope, lighting and power requirements**
- Concepts, methods and standards
- Hands-on exercise

Day 3 — **HVAC and service water heating requirements**
- Worked examples from real projects
- Practical workshop

Day 4 — **ASHRAE 62.1 ventilation rate procedure**
- Tools, templates and best practice
- Case study and group discussion

Day 5 — **Compliance documentation exercise**
- 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
18–22 Jan 2027	5-day classroom	Barcelona	English
8–12 Mar 2027	5-day classroom	Casablanca	English
14–25 Mar 2027	10-day classroom	Doha	Arabic
5–9 Jul 2027	5-day online	Live online	English
28 Feb – 3 Mar 2028	5-day classroom	Abu Dhabi	English
6–10 Mar 2028	5-day classroom	Geneva	English

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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