Garnet
Garnet Global Training Center

GGT-HV-125

HVAC, Refrigeration & Building Services

Kitchen Ventilation Systems

أنظمة تهوية المطابخ

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

Overview

Kitchen Ventilation Systems turns established good practice into step-by-step methods that participants rehearse in exercises and then apply at work. Design, operate and maintain the cooling, ventilation and plumbing systems that keep buildings working. 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 Kitchen Ventilation Systems to real tasks.
- Diagnose common problems and identify root causes.
- Interpret data and results correctly and act on them.
- Follow safe, compliant and documented work practices.
- Avoid the mistakes that most often cause rework or failure.

Who should attend

MEP engineers, HVAC technicians, facility engineers and building services consultants. Practitioners with one to five years of experience benefit most.

Key topics

- Psychrometrics and load calculation
- Refrigeration cycles
- Air distribution and ventilation
- Controls and BMS
- Energy efficiency
- Commissioning and maintenance

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 Kitchen Ventilation Systems: principles and standards

- Commissioning and maintenance
- Regional and international case studies

Day 2 Methods and tools in practice

- Psychrometrics and load calculation
- Refrigeration cycles

Day 3 Diagnosis and problem solving

- Air distribution and ventilation
- Checklists and templates to take away

Day 4 Quality, safety and documentation

- Controls and BMS
- Group discussion and peer review

Day 5 Workshop, assessment and action plan

- Energy efficiency
- Measurement and reporting

10-day outline

Day 1 Kitchen Ventilation Systems: principles and standards

- Commissioning and maintenance
- Regional and international case studies

Day 2 Methods and tools in practice

- Psychrometrics and load calculation
- Refrigeration cycles

Day 3 Diagnosis and problem solving

- Air distribution and ventilation
- Checklists and templates to take away

Day 4 Quality, safety and documentation

- Controls and BMS
- Group discussion and peer review

Day 5 Workshop, assessment and action plan

- Energy efficiency
- Measurement and reporting

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Hands-on workshop on a workplace challenge

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
- Common mistakes and how to avoid them

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)
8–12 Feb 2027	5-day online	Live online	Arabic	2,950
15–26 Mar 2027	10-day classroom	Dubai	English	8,950
16–20 Aug 2027	5-day classroom	Geneva	English	4,750
5–9 Sep 2027	5-day classroom	Doha	English	4,750
6–10 Mar 2028	5-day classroom	Singapore	English	4,750
8–19 May 2028	10-day online	Live online	English	5,450
5–9 Jun 2028	5-day classroom	Vienna	English	4,750
17–28 Jul 2028	10-day classroom	Paris	English	8,950
13–24 Aug 2029	10-day classroom	Istanbul	English	8,950

Dates	Format	City	Language	Fee (USD)
17–21 Sep 2029	5-day online	Live online	English	2,950
21–25 Oct 2029	5-day classroom	Jeddah	English	4,750
17–21 Dec 2029	5-day classroom	Dubai	Arabic	4,750
4–8 Feb 2030	5-day classroom	Istanbul	English	4,750
15–19 Apr 2030	5-day classroom	Dubai	Arabic	4,750
12–23 Aug 2030	10-day classroom	Paris	English	8,950
2–13 Dec 2030	10-day online	Live online	Arabic	5,450

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