Garnet
Garnet Global Training Center

GGT-FE-106

Fire Engineering & Fire Protection

Fire Alarm & Detection Systems

أنظمة الإنذار والكشف عن الحريق

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

Overview

Fire Alarm & Detection Systems turns established good practice into step-by-step methods that participants rehearse in exercises and then apply at work. Prevent, detect and control fire with the right design, systems and inspection. 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 Fire Alarm & Detection Systems to real tasks.
- 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.
- Share good practice with your team.

Who should attend

Fire engineers, fire safety officers, MEP designers, inspectors and facility managers. Practitioners with one to five years of experience benefit most.

Key topics

- Fire science
- Codes: NFPA and local codes
- Detection and alarm
- Suppression systems
- Means of egress
- Inspection 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 Fire Alarm & Detection Systems: principles and standards

- Codes: NFPA and local codes
- Group discussion and peer review

Day 2 Methods and tools in practice

- Detection and alarm
- Suppression systems

Day 3 Diagnosis and problem solving

- Means of egress
- Measurement and reporting

Day 4 Quality, safety and documentation

- Inspection and maintenance
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- Fire science
- Common mistakes and how to avoid them

10-day outline

Day 1 Fire Alarm & Detection Systems: principles and standards

- Codes: NFPA and local codes
- Group discussion and peer review

Day 2 Methods and tools in practice

- Detection and alarm
- Suppression systems

Day 3 Diagnosis and problem solving

- Means of egress
- Measurement and reporting

Day 4 Quality, safety and documentation

- Inspection and maintenance
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- Fire science
- 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)
1–12 Feb 2027	10-day classroom	Paris	English	8,950
9–13 May 2027	5-day classroom	Cairo	English	4,750
4–8 Oct 2027	5-day online	Live online	English	2,950
1–5 Nov 2027	5-day classroom	Istanbul	English	4,750
5–9 Mar 2028	5-day classroom	Kuwait City	English	4,750
12–23 Jun 2028	10-day online	Live online	English	5,450
5–16 Nov 2028	10-day classroom	Cairo	Arabic	8,950
18–22 Dec 2028	5-day classroom	Abu Dhabi	English	4,750
16–20 Apr 2029	5-day classroom	Istanbul	English	4,750

Dates	Format	City	Language	Fee (USD)
13–17 Aug 2029	5-day online	Live online	English	2,950
2–13 Sep 2029	10-day classroom	Manama	Arabic	8,950
8–12 Oct 2029	5-day classroom	Geneva	English	4,750
20–31 Jan 2030	10-day classroom	Cairo	English	8,950
1–5 Apr 2030	5-day classroom	London	English	4,750
17–28 Jun 2030	10-day online	Live online	Arabic	5,450
11–15 Nov 2030	5-day classroom	Abu Dhabi	English	4,750

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