Garnet
Garnet Global Training Center

GGT-FE-117

Fire Engineering & Fire Protection **Rare specialisation**

Fire Investigation

التحقيق في الحرائق

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

Overview

Fire Investigation 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. It runs as a 5-day or 10-day program in English or Arabic, in classrooms in Dubai, Riyadh, Cairo, London, Istanbul and other cities, or live online, and can be delivered in-house.

What you will be able to do

- Apply the methods and standards of Fire Investigation to real tasks.
- Share good practice with your team.
- 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.

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

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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 Investigation: principles and standards
- Detection and alarm
- Measurement and reporting

Day 2 Methods and tools in practice
- Suppression systems
- Means of egress

Day 3 Diagnosis and problem solving
- Inspection and maintenance
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation
- Fire science
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan
- Codes: NFPA and local codes
- Regional and international case studies

10-day outline

Day 1 Fire Investigation: principles and standards
- Detection and alarm
- Measurement and reporting

Day 2 Methods and tools in practice
- Suppression systems
- Means of egress

Day 3 Diagnosis and problem solving
- Inspection and maintenance
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation
- Fire science
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan
- Codes: NFPA and local codes
- Regional and international case studies

Day 6 Advanced techniques and specialist practice
- Complex cases in depth
- Checklists and templates to take away

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
- Group discussion and peer review

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)
18–22 Jan 2027	5-day classroom	Kuala Lumpur	English	4,750
1–5 Mar 2027	5-day classroom	London	English	4,750
15–19 Nov 2027	5-day online	Live online	Arabic	2,950
5–16 Dec 2027	10-day classroom	Riyadh	Arabic	8,950
14–18 Feb 2028	5-day classroom	Abu Dhabi	Arabic	4,750
5–9 Jun 2028	5-day classroom	Kuala Lumpur	English	4,750
2–13 Oct 2028	10-day classroom	London	English	8,950
6–17 Nov 2028	10-day online	Live online	English	5,450
19–23 Feb 2029	5-day online	Live online	English	2,950
21 May – 1 Jun 2029	10-day classroom	London	English	8,950

Dates	Format	City	Language	Fee (USD)
17–21 Jun 2029	5-day classroom	Kuwait City	Arabic	4,750
8–12 Jul 2029	5-day classroom	Doha	Arabic	4,750
4–15 Mar 2030	10-day online	Live online	English	5,450
15–19 Jul 2030	5-day classroom	London	English	4,750
12–16 Aug 2030	5-day classroom	Dubai	Arabic	4,750
15–26 Dec 2030	10-day classroom	Kuwait City	English	8,950

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